

# ***Patent Grading Report***

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# Patent Grading Report

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The patent grade represents a patent's certainty and clarity of rights. The patent grade is computed by Wisdomain's proprietary PatentGrading™ system, which analyzes objective criteria described in this report. The grade evaluation process is also applied to all other patents that share the same technology space to produce the ranking percentile index found in this report.

**US8083XXX** (US2011019XXXXA1)

Xxxxx for washer and dryer

**■ Evaluation Grade**

**Overall Grade**

B+

**Remaining Life of Patent**

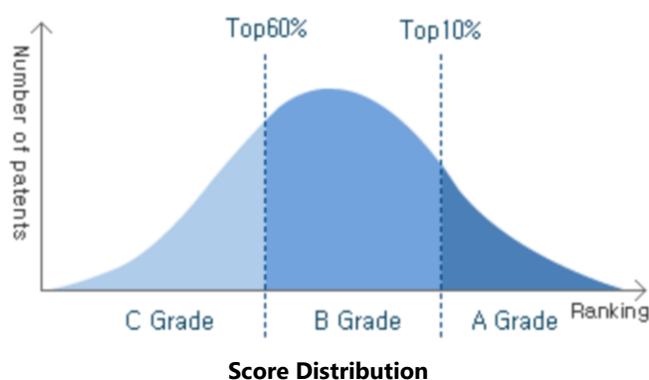
8 years    4 months

Evaluation Criteria	Grades
Inventors' Expertise	<b>A+</b>
Technological Significance	<b>C</b>
Technological Endurance	<b>C</b>
Marketability	<b>A0</b>
Technological Focus	<b>B0</b>
Novelty	<b>C</b>
Assignee's Endeavors for Ownership of Technology	<b>N/A</b>
The Degree of Competitors' Containment	<b>N/A</b>
Breadth of Rights	<b>C</b>
Completeness of Rights	<b>A-</b>

Patent grade starts with an overall quality comparison between the target patent and other participating patents in the same technology sector. Each quality attribute is evaluated for its significance to the target patent. The initial evaluation result is a numerical value which is then applied to a weighted scale to compute a letter grade to represent the patent quality.

**■ Ranking Percentile**

Letter grades are assigned as final rankings based on comparison with all other patents in the same technology sector.



Ranking Percentile	Grades
Top 1%	<b>AA</b>
Within top 1~3%	<b>A+</b>
Within top 3~5%	<b>A0</b>
Within top 5~10%	<b>A-</b>
Within top 10~20%	<b>B+</b>
Within top 20~50%	<b>B0</b>
Within top 50~60%	<b>B-</b>
Below 60%	<b>C</b>

The patent grade may be subject to change with weekly patent database update in conjunction with patent authorities.

**US8042XXX** (US2011019XXXXA1)

*XXXXXX device and method of xxxxxxxx the same*

**■ Evaluation Grade**

**Overall Grade**

B0

**Remaining Life of Patent**

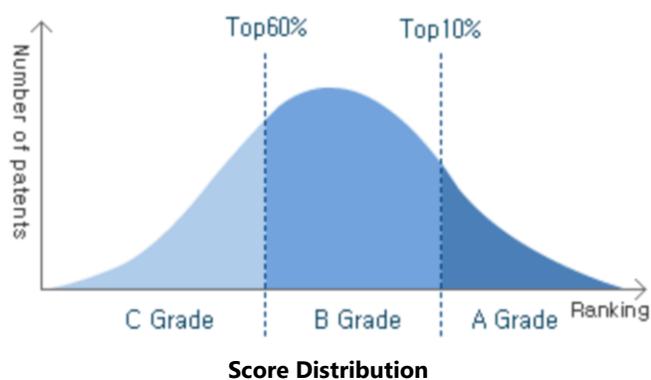
15 years    2 months

Evaluation Criteria	Grades
Inventors' Expertise	<b>A0</b>
Technological Significance	<b>B+</b>
Technological Endurance	<b>C</b>
Marketability	<b>C</b>
Technological Focus	<b>C</b>
Novelty	<b>B0</b>
Assignee's Endeavors for Ownership of Technology	<b>N/A</b>
The Degree of Competitors' Containment	<b>N/A</b>
Breadth of Rights	<b>A+</b>
Completeness of Rights	<b>A-</b>

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Within top 3~5%	<b>A0</b>
Within top 5~10%	<b>A-</b>
Within top 10~20%	<b>B+</b>
Within top 20~50%	<b>B0</b>
Within top 50~60%	<b>B-</b>
Below 60%	<b>C</b>

The patent grade may be subject to change with weekly patent database update in conjunction with patent authorities.

**US8035XXX** (US2011014XXXXA1)

XXXXX XXXXXXXX receiver and method for processing xxxxxx xxxxxxxx

**■ Evaluation Grade**

**Overall Grade**

AA

**Remaining Life of Patent**

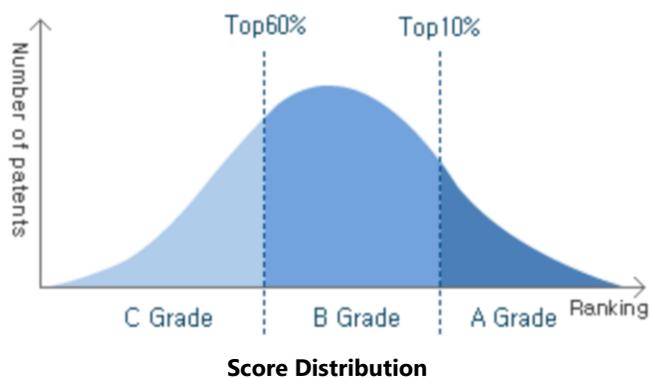
8 years    7 months

Evaluation Criteria	Grades
Inventors' Expertise	<b>AA</b>
Technological Significance	<b>AA</b>
Technological Endurance	<b>C</b>
Marketability	<b>A+</b>
Technological Focus	<b>A+</b>
Novelty	<b>C</b>
Assignee's Endeavors for Ownership of Technology	<b>N/A</b>
The Degree of Competitors' Containment	<b>N/A</b>
Breadth of Rights	<b>B-</b>
Completeness of Rights	<b>B+</b>

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Within top 1~3%	<b>A+</b>
Within top 3~5%	<b>A0</b>
Within top 5~10%	<b>A-</b>
Within top 10~20%	<b>B+</b>
Within top 20~50%	<b>B0</b>
Within top 50~60%	<b>B-</b>
Below 60%	<b>C</b>

The patent grade may be subject to change with weekly patent database update in conjunction with patent authorities.

**US7948XXX** (US2011009XXXXA1)

*XXXXXXXX XXXXXXXX system and method of processing data in XXXXXXXX XXXXXXXX system*

**■ Evaluation Grade**

**Overall Grade**

A0

**Remaining Life of Patent**

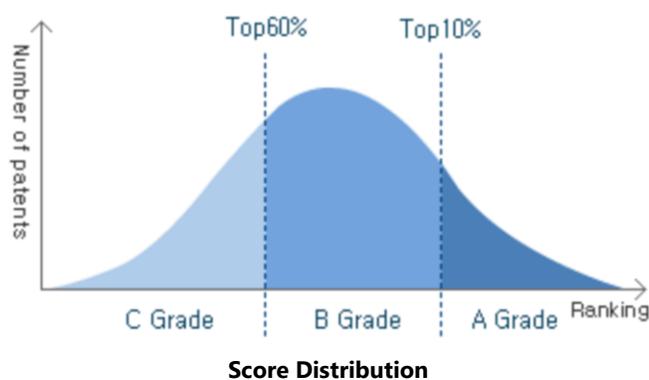
12 years    6 months

Evaluation Criteria	Grades
Inventors' Expertise	<b>AA</b>
Technological Significance	<b>B0</b>
Technological Endurance	<b>C</b>
Marketability	<b>AA</b>
Technological Focus	<b>AA</b>
Novelty	<b>C</b>
Assignee's Endeavors for Ownership of Technology	<b>N/A</b>
The Degree of Competitors' Containment	<b>N/A</b>
Breadth of Rights	<b>C</b>
Completeness of Rights	<b>A-</b>

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Within top 3~5%	<b>A0</b>
Within top 5~10%	<b>A-</b>
Within top 10~20%	<b>B+</b>
Within top 20~50%	<b>B0</b>
Within top 50~60%	<b>B-</b>
Below 60%	<b>C</b>

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## Evaluation Criteria

### 1. Inventors' Expertise

Meaning	Measures the competency of inventors assigned to the patent.
Evaluation Areas	<p>A value is calculated per inventor evaluation criteria below. This is to obtain the ranking per inventor relative to other inventors involved in similar technology area. These inventor rankings are then averaged as an evaluation factor for the patent's overall grade. This method only applies to a patent with multiple inventors.</p> <p>※ Inventors Evaluation Criteria</p> <ul style="list-style-type: none"> <li>The total number of applications.</li> <li>The total number of granted patents.</li> <li>The percentage of granted patents over applications.</li> <li>The number of patent families.</li> <li>The number of citations.</li> <li>The number of claims.</li> <li>Duration of pending period.</li> <li>The number of continuations.</li> <li>The period of remaining validity.</li> </ul>

### 2. Technological Significance

Meaning	Patents with a higher forward citation count are likely to be influential. Such technological significance can be translated to a broader scope of claims and higher licensing potential.
Evaluation Areas	Degree of citations received = frequency of being cited by other patents / frequency of such citations in all other applicant patents in the same year.

### 3. Technological Endurance

Meaning	Technological Endurance evaluates the duration of citations. If the patent has a longer citation duration, then it is likely to possess enduring technology which then translates to a higher technological value compared to those with shorter duration.
Evaluation Areas	Average interval between filing date of the patent and those of citing patents.

### 4. Marketability

Meaning	Any patent with a larger number of families is more likely to secure a larger scope of the market.
Evaluation Areas	The number of family patents.

### 5. Technological Focus

Meaning	Technological Focus consists patent genealogy factors such as division, continuation, or continuation in part. Any patent with a large number of genealogy patents is more likely to receive higher attention and thus often belongs to the assignee's core business.
Evaluation Areas	The number of genealogy patents.

## 6. Novelty

Meaning	The higher the number of direct backward citations, the higher the chances of being technically dependent. Thus, any patent with fewer direct backward citations is more likely to possess a novel technology.
Evaluation Areas	The number of direct backward citations.

## 7. Assignee's Endeavors for Ownership of Technology

Meaning	Measures particular endeavors made by the assignee during an examination period such as early action request, disobedience to an office action, or reexamination request. (Applicable to Japanese patents only.)
Evaluation Area	The occurrence of early action request, disobedience to an office action, or reexamination request.

## 8. The Degree of Competitors' Containment

Meaning	Measures the degree of containment pursued by the competitor or any other organizations. Patents that endure severe containment effort are more likely to possess influential technology in the market. (Applicable to Japanese patents only.)
Evaluation Areas	The number of request made to accesses the processed information and the number of request made for invalidation..

## 9. Breadth of Rights

Meaning	Patent rights are enforced by claims. Out of all claims the independent claim contains all necessary elements to define the invention. Therefore, the more independent claims a patent holds the broader the scope of its enforceable rights.
Evaluation Areas	Total number of independent claims.

## 10. Completeness of Rights

Meaning	Claims can be revised or rejected during an examination. Rejected claims imply discrediting of originally claimed rights. Therefore, the more rejected claims a patent shows the less complete its enforceable rights become.
Evaluation Areas	Total number of rejected claims.

## How the System Produces Final Grade

As depicted below, each evaluation area is weighted for the significance of its contribution to patent evaluation. Each measured weight is then used for computing a total value which is converted to a letter grade as the patent's final grade. The final grade computation involves comparative measures from all other patents in the same technology sector.

Evaluation Criteria	Weight
Inventors' Expertise	7
Technological Significance	6
Technological Endurance	5
Marketability	4
Technological Focus	3
Novelty	2
Assignee's Endeavors for Ownership of Technology	4
The Degree of Competitors' Containment	4
Breadth of Rights	4
Completeness of Rights	3

- This evaluation report is based on public patent documents. The grades are obtained based on comparative study among patents in similar technology group.
- This evaluation report does not include a particular market or company data, therefore, may not necessarily align with a reader's specific expectation.
- Wisdomain is not liable for any consequences that may result from the use of this report.