

The Patent Board ranks Caterpillar as #1 innovator in its Heavy Industrial Equipment industry scorecard, Laitram ranks 11th

| Quarterly snapshot – 13 week averages

Heavy Industrial Equipment Scorecard Date		9/9/2011	9/10/2010		
Number of Scorecard Companies		119	112		
Laitram LLC				YoY Rank Change	
Patents Granted Rank	40	47			▲
Industry Impact Rank	2	5			▲
Technology Strength Rank	11	25			▲
Research Intensity Rank	58	50			▼
Science Strength Rank	48	41			▼
Innovation Cycle Time Rank	6	73			▲

Industry Highlights

- 119 companies in the Heavy Industrial Equipment scorecard
- Caterpillar reclaims the top position
- Fiat Industrial debuts at #3
- AGCO Corp(8) enters the top 10 for the first time
- Mitsubishi Electric has the highest Impact score in the top 50
- IHI Corp has the highest Research Intensity score in the top 50
- Murata Machinery has the quickest Innovation Cycle Time in the top 50

Previous QTR Rank		Current Rank	Company	Patent Granted*	Science Strength™	Innovation Cycle Time™	Industry Impact™	Technology Strength™	Research Intensity™
2	△	1	Caterpillar Inc*	308	612	11.7	1.53	214.66	1.6
1	▼	2	Deere & Co	193	148.5	12.4	2.32	204.88	1.17
		3	Fiat Industrial SpA	126	0	17.9	1.531	87.61	0.09
7	△	4	Mitsubishi Electric Corp*	45	1	11.5	3.48	71.42	0.34
5	◀▶	5	Tetra Laval Intl SA	99	0.5	15.7	0.98	44.38	0.15
3	▼	6	Voith GmbH	73	1.3	12.5	1.27	42.29	0.42
4	▼	7	Komatsu Ltd	70	33	12.4	1.25	40.02	1.22
11	△	8	AGCO Corp	33	13.5	23.4	2.01	30.24	3.65
9	◀▶	9	Crane Co	24	5	11.4	2.62	28.18	0.64
13	△	10	Kone Corp	32	7.5	12.1	1.92	27.79	0.95

The Patent Scorecard includes U.S. utility patents that were represented by each entity. Only industry specific patents are used for companies that are represented in multiple industries, which are indicated with an asterisk*. Industry Impact™ and Research Intensity™ indicators are both normalized to 1.0 for the industry average. Gray boxes signify a score above the industry average. The leading score among the top 50 are signified by the orange boxes. For more information on The Patent Scorecard or other services please contact Geoff Celhar at GCelhar@patentboard.com or 856-671-6845.

About The Patent Board Indicators

Patents Granted – equals the number of U.S. patents granted in a given year, excluding design and other special-case inventions.

Science Strength™ – ranking measure to indicate how much a company uses science in building its patent portfolio with a combined measure of science and quantity.

Innovation Cycle Time™ – indicates whether a patent or patent portfolio is building off newer or older inventions (art).

Industry Impact™ – indicates the extent to which others are building upon a portfolio of issued US utility patents as compared to the total set of utility patents.

Technology Strength™ – ranking measure to indicate an overall strength of the company's patent portfolio holdings with a combined measure of quality and quantity.

Research Intensity™ – indicates the extent to which a portfolio includes patents with above average Science Linkage as compared to the control group.