

## 1790 Analytics Patent Scorecard (2019) - Automotive & Parts

Industry	Rank	Organization (Parent)	Country	2019 US Patents	Pipeline Growth Index	Pipeline Impact	% Self-Citations	Adjusted Pipeline Impact	Pipeline Generality	Pipeline Originality	Pipeline Power
Automotive and Parts	1	Ford Motor Co.	USA	2521	1.18	1.30	45.1%	1.11	1.73	1.01	5736.07
Automotive and Parts	2	Magna International Inc.	Canada	311	1.16	2.33	49.8%	1.87	3.42	1.10	2529.69
Automotive and Parts	3	General Motors Corp	USA	1316	1.21	1.14	22.8%	1.14	1.21	1.02	2249.74
Automotive and Parts	4	Waymo LLC (Google Inc.)	USA	134	1.49	2.73	14.5%	2.73	3.54	1.04	1995.44
Automotive and Parts	5	Toyota Motor Corp	Japan	2471	1.05	0.60	16.4%	0.60	0.76	1.07	1257.87
Automotive and Parts	6	Volkswagen A.G. (Porsche)	Germany	711	1.39	0.85	16.5%	0.85	1.06	1.02	918.72
Automotive and Parts	7	Porsche Automobil Holding	Germany	711	1.39	0.85	16.5%	0.85	1.06	1.02	916.87
Automotive and Parts	8	Johnson Controls Inc	USA	183	1.31	1.52	19.5%	1.52	1.97	1.01	724.79
Automotive and Parts	9	Bosch (Robert) GmbH	Germany	1283	0.98	0.70	7.0%	0.70	0.70	1.06	659.68
Automotive and Parts	10	Honda Motor Co. Ltd.	Japan	1115	1.15	0.59	13.8%	0.59	0.76	1.07	614.05
Automotive and Parts	11	Hyundai Motor Co.	S.Korea	1548	1.09	0.68	25.0%	0.68	0.54	1.00	612.83
Automotive and Parts	12	Hitachi Automotive (Hitachi)	Japan	320	1.36	0.89	15.0%	0.89	1.32	1.09	554.85
Automotive and Parts	13	Denso Corp	Japan	1223	1.04	0.50	13.9%	0.50	0.67	1.06	453.65
Automotive and Parts	14	Kia Motors Corp.	S.Korea	919	2.63	0.40	22.7%	0.40	0.48	0.96	444.97
Automotive and Parts	15	Aptiv Plc	UK	109	3.00	1.00	8.3%	1.00	1.26	1.05	435.46
Automotive and Parts	16	Mazda Motor Corp.	Japan	201	1.27	0.92	17.0%	0.92	1.39	1.09	355.77
Automotive and Parts	17	Comp Gen des Est Michelin	France	169	1.18	0.98	48.3%	0.80	2.05	1.06	346.86
Automotive and Parts	18	ZF Friedrichshafen AG	Germany	334	1.25	1.04	17.9%	1.04	0.85	0.83	302.74
Automotive and Parts	19	Valeo S.A.	France	396	1.20	0.69	15.6%	0.69	0.82	1.01	267.53
Automotive and Parts	20	Nissan Motor Co. Ltd.	Japan	472	1.08	0.57	19.7%	0.57	0.84	0.99	239.58