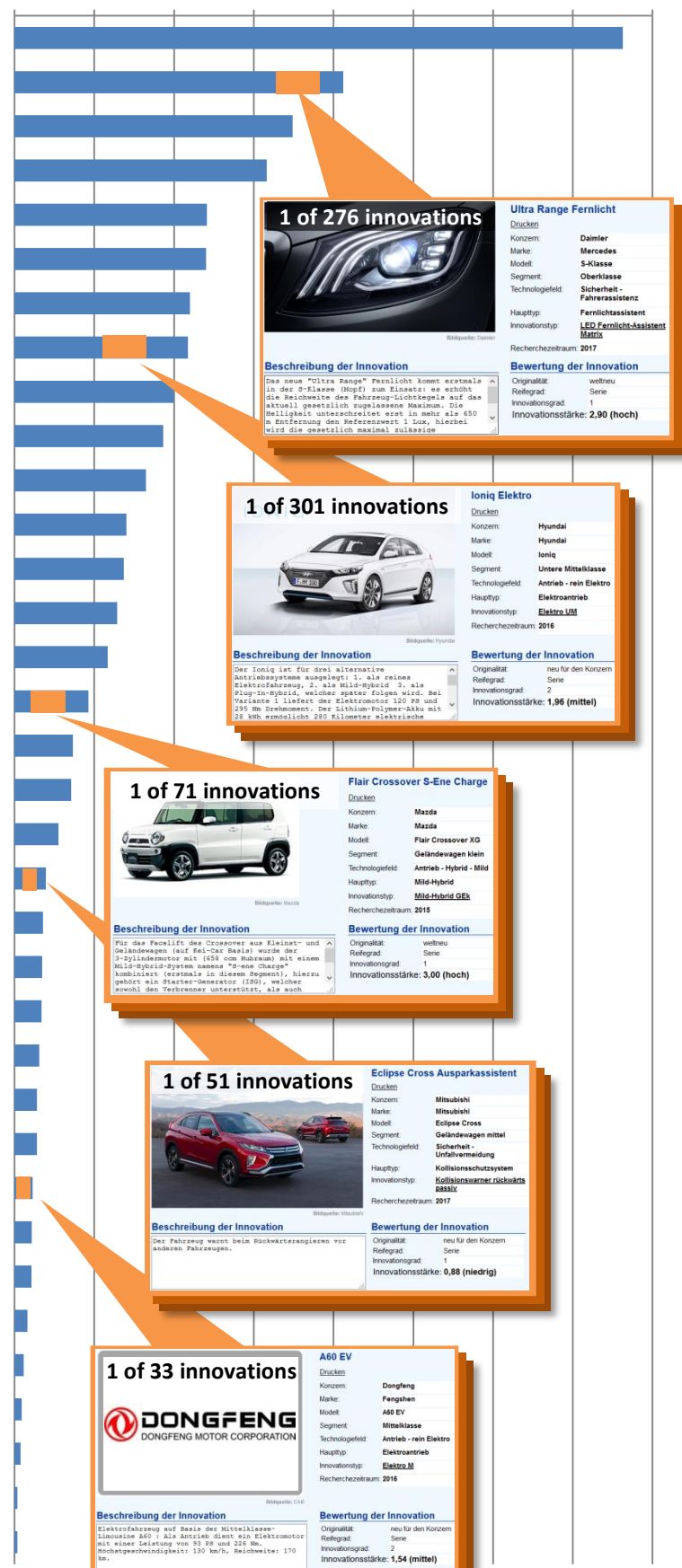


Innovation Ranking of Automotive Groups 2014-2017 (accumulated)**

Rank	Group*	Number of innovations	World-first innovations	Innovation strength
1	VW Group	886	171	762,7
2	Daimler	276	90	412,2
3	BMW	282	61	348,7
4	Tesla	116	51	316,1
5	Ford	245	28	241,2
6	GM	308	22	240,1
7	Tata	260	35	220,0
8	Hyundai	301	8	217,3
9	Honda	188	18	199,6
10	Toyota	208	16	186,3
11	Geely	153	15	164,8
12	PSA	201	14	140,1
13	Renault	172	9	137,1
14	Nissan	162	16	128,8
15	Fiat-Chrysler	179	5	116,6
16	Mazda	71	3	92,6
17	Suzuki	56	4	73,0
18	Subaru	61	3	71,0
19	BAIC	62	4	54,9
20	Mitsubishi	51	1	39,3
21	GreatWall	39	0	35,5
22	Chery	57	3	34,7
23	Changan	42	1	33,7
24	NextEV	47	2	30,9
25	SAIC	39	1	28,2
26	Borgward	37	0	28,1
27	Dongfeng	33	0	22,5
28	Koenigsegg	17	5	21,6
29	BYD	20	0	21,3
30	AstonMartin	27	2	16,0
31	Fisker	6	1	11,6
32	Ferrari	9	1	8,8
33	FMC	22	1	7,6
34	Brilliance	5	0	3,7
35	Karma	4	0	3,6
TOTAL		4.642	591	4.470,4

Innovation strength 2014-2017 (index value)



* Allocation of companies to the countries according to headquarters.
** Without innovations in technology field „Conventional Powertrain“ (diesel and gasoline engines)