

ASSET LIST

LOT 170: ELECTRONICALLY CONTROLLED RELEASE SYSTEM GAS SPRINGS PATENTS FOR SALE

170号专利包:电控释放系统气弹簧专利待拍

Ocean Tomo Bid-Ask™ Market patent auction lot 170 consists of a portfolio of 28 patents covering various jurisdictions including the U.S., China, Europe, Brazil, and Japan, Canada, Hong Kong. The technology pertains to an electronically controlled release system for gas springs, which allows for effortless locking or release of gas springs through a simple press of a button. The system is highly versatile, as it can be operated wirelessly, by cable, or via a computer, making it ideal for a wide range of applications. The key feature of the technology is the release head, which can add a solenoid that is electronically controlled. This feature makes electric seat adjustments possible. The primary application of the technology is in electronic backrest and seat adjustments, as well as tilt adjustments for seats in various industries such as aviation, trains, buses, cars, cinema seats, theatre seats, concert seats, congress seats, planetarium seats, massage and treatment tables, fitness equipment, and various types of furniture including worktables, desks, rehabilitation furniture, and recliners. This technology has immense potential in the market, with the potential to offer the patent owner a competitive edge in the market by providing a safer and more efficient option to users. As major aircraft manufacturers are projected to require millions of seats by 2038, the potential market for this technology is enormous.

Ocean Tomo Bid-Ask™市场170号拍卖专利包包括 28 项专利组合,涵盖美国、中国、欧洲、巴西、日本、加拿大、香港等多个司法管辖区。该技术涉及气弹簧的电子控制释放系统,只需按一下按钮即可轻松锁定或释放气弹簧。该系统具有高度通用性,因为它可以通过无线、电缆或计算机进行操作,使其成为广泛应用理想选择。该技术的关键特征是释放头,它可以添加一个电子控制的螺线管。此功能使电动座椅调节成为可能。该技术主要应用在电子靠背和座椅调节,以及航空、火车、公共汽车、汽车、电影院座椅、剧院座椅、音乐会座椅、国会座椅、天文馆座椅、按摩座椅等各个行业的座椅倾斜调节,以及治疗台、健身器材和各种类型的家具,包括工作台、书桌、康复家具和躺椅。这项技术在市场上具有巨大的潜力,通过为用户提供更安全、更高效的选择,有可能为专利所有者提供市场竞争优势。预计到2038年,主要飞机制造商将需要数百万个座位,因此该技术的潜在市场是巨大的。

For further information or to bid on this lot, please email Bid-Ask@OceanTomo.com.

竞拍该专利包或详询更多信息,欢迎联系 Bid-Ask@OceanTomo.com.

NO.	PUBLICATION NO.	PATENT TITLE	PRIMARY IP CLASS	PRIORITY DATE	FILE DATE	ISSUE/PUBLICATION DATE	NO. OF FORWARD CITATIONS
序号	公开号	专利名称	IPC主分类号	优先权日	申请日	公开日	前引数量
1	EP3341629B1	(AT, BE, BG, CH, CZ, DE, DK, ES, FI, FR, GB, HR, HU, IE, IT, LI, LT, NL, NO, PL, RO, SE, SK, TR) Device for triggering a gas spring 用于触发气弹簧的装置	F16F 9/02				
2	CN106104063	Equipment for triggering gas spring 用于触发气弹簧的装置	F16F 9/02	7/23/2013	7/11/2014	4/10/2018	
3	EP3057469B1	(AT, BE, BG, CH, CZ, DE, DK, ES, FI, FR, GB, HR, HU, IE, IT, LI, LT, NL, NO, PL, RO, SE, SK, TR) Gas spring with a device for triggering the gas spring 用于触发气弹簧的装置	F16F 9/01	7/23/2013	7/11/2014	4/25/2018	
4	CN105408656	Equipment for triggering gas spring 用于触发气弹簧的装置	F16F 9/02	7/23/2013	7/11/2014	4/17/2018	
5	US10072721	Device for triggering a gas spring 用于触发气弹簧的装置	F16F 9/02	7/23/2013	7/11/2014	9/11/2018	
6	JP6410818	Gas spring trigger device 用于触发气弹簧的装置	F16F 9/56	7/23/2013	7/11/2014	10/24/2018	
7	JP6511049	Gas spring trigger device 用于触发气弹簧的装置	F16F 9/56	7/23/2013	7/11/2014	5/8/2019	
8	EP3303052	(AT, BE, BG, CH, CZ, DE, DK, ES, FI, FR, GB, HR, HU, IE, IT, LI, LT, NL, NO, PL, RO, SE, SK, TR) Device for releasing a gas spring and seat unit with adjustable backrest with a gas spring and said device 用于释放气弹簧的装置和具有可调节靠背的带有气弹簧的座椅单元和所述装置	B64D01106000	6/5/2015	5/14/2016	6/19/2019	
9	US10436274	Device for triggering a gas spring 用于触发气弹簧的装置	F16F 9/02	7/23/2013	7/11/2014	10/8/2019	
10	CN107743454	Device for triggering an air spring and seat unit having an adjustable backrest and comprising an air spring and such a device 用于释放气弹簧的装置和具有可调节靠背的带有气弹簧的座椅单元和所述装置	B60N 2/02	6/5/2015	5/14/2016	12/17/2019	3
11	US10575643	Device for triggering a gas spring and seating unit comprising adjustable backrest having a gas spring and such an apparatus 用于释放气弹簧的装置和具有可调节靠背的带有气弹簧的座椅单元和所述装置	A47C 1/027	6/5/2015	5/14/2016	3/3/2020	
12	CA2917648	Device for triggering a gas spring 用于触发气弹簧的装置	F16F 9/02	7/23/2013	7/11/2014	3/10/2020	
13	CA2917652	Device for triggering a gas spring 用于触发气弹簧的装置	F16F 9/02	7/23/2013	7/11/2014	3/10/2020	
14	JP6665206	Device for triggering a gas spring, a seat unit with an adjustable backrest having a gas spring and such a device 用于触发气弹簧的装置、具有带气弹簧的可调节靠背的座椅单元以及这种装置	B60N 2/00	6/5/2015	5/14/2016	3/13/2020	
15	JP6732889	Device for triggering a gas spring 用于触发气弹簧的装置	F16F 9/54	8/25/2015	7/2/2016	7/29/2020	
16	CN108026997	Device for triggering a gas spring 用于触发气弹簧的装置	F16F 9/02	8/25/2015	7/2/2016	10/16/2020	
17	BR112016001211	Device for triggering a gas spring 用于触发气弹簧的装置	A47C 3/30	7/23/2013	7/11/2014	1/5/2021	
18	US10955023	Device for triggering a gas spring 用于触发气弹簧的装置	F16F 9/02	8/25/2015	7/2/2016	3/23/2021	
19	EP3025069	(AT, BE, BG, CH, CZ, DE, DK, ES, FI, FR, GB, HR, HU, IE, IT, LI, LT, NL, NO, PL, RO, SE, SK, TR) Device for triggering a gas spring 用于触发气弹簧的装置	F16F 9/02	7/23/2013	7/11/2014	4/7/2021	
20	CA2994025	Device for triggering a gas spring 用于触发气弹簧的装置	F16F 9/02	8/25/2015	7/2/2016	11/2/2021	
21	CA2987305	Device for triggering a gas spring and seating unit comprising adjustable backrest having a gas spring and such an apparatus 用于触发气弹簧的装置和包括具有气弹簧的可调节靠背的座椅单元和这样的装置	B60N 2/22	6/5/2015	5/14/2016	1/25/2022	
22	BR112017026056	A device for driving a gas spring, a seat unit comprising an adjustable backrest having a gas spring and an arrangement comprising a plurality of seat units 一种用于驱动气弹簧的装置,包括具有气弹簧的可调节靠背的座椅单元以及包括多个座椅单元的装置	B60N 2/50	6/5/2015	5/14/2016	7/26/2022	
23	BR112018002626	Device for driving a gas spring 驱动气弹簧的装置	F16F 9/02	8/25/2015	7/2/2016	11/29/2022	
24	HK1245200	Device for triggering a gas spring and seating unit comprising adjustable backrest having a gas spring and such an apparatus 用于触发气弹簧的装置和包括具有气弹簧的可调节靠背的座椅单元和这样的装置	B60N 2/02	6/5/2015	4/10/2018	1/15/2021	
25	HK1255213	Device for triggering a gas spring 用于触发气弹簧的装置	F16F 9/02	8/25/2015	11/9/2018	3/26/2021	
26	HK1217359	Device for triggering a gas spring 用于触发气弹簧的装置	F16F00000000	7/23/2013	5/10/2016	6/28/2019	
27	HK1226466	Device for triggering a gas spring 用于触发气弹簧的装置	F16F00000000	7/23/2013	1/4/2017	6/28/2019	
28	BR1120160012	Device for driving a gas spring 驱动气弹簧的装置	N/A	N/A	N/A	N/A	