



ASSET LIST

LOT 180: IMPROVED VEHICLE SEAT BELT REEL PATENTS FOR SALE

180号专利包:改进的车辆安全带卷轴专利待拍

Ocean Tomo Bid-Ask™ Market patent auction lot 180 presents a valuable portfolio comprising two families of inventions with a total of eight patents providing coverage in the U.S., Europe, China, Korea, India, and Brazil. The portfolio introduces a novel design that improves the production of belt reels and retractors for vehicle safety belts. By utilizing glass fiber-reinforced plastic and innovative injection molding techniques, it enables a substantial reduction in weight and cost, while enhancing accuracy and productivity. The portfolio is ideally suited for companies and manufacturers who wish to reduce costs and enhance product quality in the automotive safety belt sector.

Ocean Tomo Bid-Ask™市场180号拍卖展示了一个有价值的专利包,包含两个发明系列,总共八项专利,覆盖美国、欧洲、中国、韩国、印度和巴西。该产品组合引入了一种新颖的设计,可提高车辆安全带卷轴和卷收器的生产效率。通过利用玻璃纤维增强塑料和创新的注塑技术,它可以大幅减轻重量和成本,同时提高精度和生产率。该专利包非常适合希望降低汽车安全带行业成本并提高产品质量的公司和制造商。

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	US9238448B2	Belt retractor for safety belts 安全带卷收器	B60R22/34	8/22/2009	8/20/2010	1/19/2016	4
2	US9789847B2	Belt reel 皮带卷轴	B60R22/34	9/17/2012	9/16/2013	10/17/2017	
3	EP2467282B1	Belt retractor for safety belts 安全带卷收器	B60R22/34	8/22/2009	8/20/2010	8/13/2014	
4	CN102712290B	Reel for safety belt 安全带卷收器	B60R22/34	8/22/2009	8/20/2010	2/17/2016	7
5	KR101715969B1	Belt retractor for safety belts 安全带卷收器	B60R22/34	8/22/2009	8/20/2010	3/13/2017	
6	BR 112012003856B1	Belt retractor for safety belts 安全带卷收器	B60R22/34	8/22/2009	8/20/2010	4/24/2019	
7	IN 2198DEN2012A	Belt retractor for safety belts 安全带卷收器	B60R22/34	8/22/2009	3/13/2012	8/21/2015	
8	CN104981382B	Tape wrapping device 胶带缠绕装置	B60R22/34	9/17/2012	9/16/2013	1/5/2018	1