

Title (en)

SORTING SYSTEM FOR SORTING BULK GOODS

Title (de)

SORTIERSYSTEM ZUR STÜCKGUTSORTIERUNG

Title (fr)

SYSTÈME DE TRI POUR MARCHANDISES DE DÉTAIL

Publication

EP 2193090 A1 20100609 (DE)

Application

EP 08804942 A 20081001

Priority

- EP 2008063117 W 20081001
- DE 102007047000 A 20071001

Abstract (en)

[origin: WO2009047177A1] The invention relates to a sorting system for sorting bulk goods, wherein a plurality of sorter elements (1) are guided and run along a horizontal, preferably closed, track of a stationary guideway, the sorter elements (1) being driven in the direction of transport. One bulk good (5) is transported on each sorter element, either on one at a time or resting on several sorter elements, from a loading point to an unloading point, where it is loaded and/or unloaded transversally (7) to said direction of transport. In order to create a reliable and low-wear sorting system which is not sensitive to dust and other deposits and which produces minimal noise, it is suggested that the drive and guidance of the sorter elements (1) is carried out in a contactless manner, and the sorter elements carry the load in a floating manner.

IPC 8 full level

B65G 47/96 (2006.01); **B60L 13/10** (2006.01); **B65G 54/02** (2006.01)

CPC (source: EP US)

B60L 13/10 (2013.01 - EP US); **B65G 17/345** (2013.01 - EP US); **B65G 47/96** (2013.01 - EP US); **B65G 54/02** (2013.01 - EP US); **B60L 2200/26** (2013.01 - EP US)

Citation (search report)

See references of WO 2009047177A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 102007047000 A1 20090402; EP 2193090 A1 20100609; US 2010213031 A1 20100826; WO 2009047177 A1 20090416

DOCDB simple family (application)

DE 102007047000 A 20071001; EP 08804942 A 20081001; EP 2008063117 W 20081001; US 68096608 A 20081001