

Title (en)
Bulk goods handling wagon

Title (de)
Schüttgutverladewagen

Title (fr)
Wagon de manutention de matériau en vrac

Publication
EP 0844330 B1 20030129 (DE)

Application
EP 97890208 A 19971016

Priority
AT 202196 A 19961120

Abstract (en)
[origin: EP0844330A1] The wagon (2) has an open-topped material storage box fixed to an undercarriage frame. The wagon incorporates a floor conveyor (5) in the lower area of the box (10), running along the wagon. There is an endless deflector (6,7) at either end of the conveyor, which has a drive (8). A transfer conveyor (14) can have its angle to the floor conveyor adjusted, and extends over the undercarriage frame (4). Each deflector has its own transfer conveyor. Each of the deflectors (16) facing the centre of the wagon may be articulately connected with a guide slide (18), which is displaceably located via a drive relatively to the undercarriage frame in its longitudinal direction.

IPC 1-7
E01B 27/02; E01B 27/06; B61D 7/32

IPC 8 full level
B61D 3/00 (2006.01); **B61D 7/32** (2006.01); **B61D 15/00** (2006.01); **B61D 47/00** (2006.01); **B65G 67/02** (2006.01); **E01B 27/02** (2006.01); **E01B 27/06** (2006.01); **E01B 27/10** (2006.01)

CPC (source: EP US)
B61D 15/00 (2013.01 - EP US); **E01B 27/00** (2013.01 - EP US); **E01B 2203/032** (2013.01 - EP US); **E01B 2203/034** (2013.01 - EP US)

Cited by
WO2010149304A1; DE102011014265A1; DE102010007513A1; DE102010007513B4; EP2360316B1

Designated contracting state (EPC)
AT CH DE FI FR GB IT LI SE

DOCDB simple family (publication)
EP 0844330 A1 19980527; **EP 0844330 B1 20030129**; AT E231940 T1 20030215; CA 2221485 A1 19980520; CA 2221485 C 20040817; CN 1065187 C 20010502; CN 1182704 A 19980527; CZ 284389 B6 19981111; CZ 347097 A3 19981111; DE 59709223 D1 20030306; JP H10152048 A 19980609; PL 183676 B1 20020628; PL 323263 A1 19980525; RU 2151075 C1 20000620; US 5993130 A 19991130

DOCDB simple family (application)
EP 97890208 A 19971016; AT 97890208 T 19971016; CA 2221485 A 19971119; CN 97122710 A 19971117; CZ 347097 A 19971031; DE 59709223 T 19971016; JP 31787197 A 19971119; PL 32326397 A 19971119; RU 97119077 A 19971118; US 97182697 A 19971117