

Title (en)
Wagon for transporting bulk material

Title (de)
Speicherwagen zum Transport von Schüttgut

Title (fr)
Wagon pour transporter des matériaux en vrac

Publication
EP 1300312 B1 20071031 (DE)

Application
EP 02450183 A 20020828

Priority
AT 7572001 U 20011003

Abstract (en)
[origin: EP1300312A1] The railway freight wagon (1), to carry and transport loose materials (21), has a rail chassis (2) with a wagon frame (4) and a bonded container (6). A conveyor belt (9) is at the container floor, between the ejection end (8) and entry end (19) of the container. A transfer conveyor belt (11) is at the leading end (13) of the wagon frame, in the direction of travel (5), projecting over the end, with its start point (10) under the ejection end of the container conveyor belt at a transfer point (20). The trailing end of the wagon frame is coupled to a further container unit (7), with its floor-level conveyor belt (15) leading to a transfer point (18) to move the loose material into the preceding container over the start point of its conveyor belt.

IPC 8 full level
B61D 5/00 (2006.01); **B61D 15/00** (2006.01); **B61D 7/32** (2006.01); **B61D 47/00** (2006.01); **B65G 15/22** (2006.01); **B65G 21/14** (2006.01); **B65G 41/02** (2006.01); **B65G 67/08** (2006.01); **E01B 27/00** (2006.01)

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

Cited by
FR3014066A1; US9346473B1; WO2009086890A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
EP 1300312 A1 20030409; EP 1300312 B1 20071031; AT 4841 U2 20011227; AT 4841 U3 20020725; AT E376953 T1 20071115; CN 1207178 C 20050622; CN 1410330 A 20030416; DE 50211131 D1 20071213; ES 2294096 T3 20080401; JP 2003176014 A 20030624

DOCDB simple family (application)
EP 02450183 A 20020828; AT 02450183 T 20020828; AT 7572001 U 20011003; CN 02144060 A 20020929; DE 50211131 T 20020828; ES 02450183 T 20020828; JP 2002288712 A 20021001