

Title (en)

LOADING WAGON FOR TRANSPORTING AND STORING BULK MATERIAL

Publication

EP 0490310 B1 19930818 (DE)

Application

EP 91121059 A 19911209

Priority

AT 254190 A 19901214

Abstract (en)

[origin: EP0490310A1] A loading wagon (2) for transporting and storing bulk material is constructed with a bogie frame (4) supported on rail running gear, a wagon body (5) provided for storage and having a floor conveyor belt located in its floor area and running in the longitudinal direction of the wagon and a transfer conveyor belt (10) which adjoins said floor conveyor belt, protrudes beyond the bogie frame (4) and can be swivelled about an axis of rotation (12) by a swivel drive. Said transfer conveyor belt is connected to a blocking device (19) for optionally limiting the swivel area of the transfer conveyor belt (10). <IMAGE>

IPC 1-7

B61D 15/00; E01B 27/06

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

US 4576538 A 19860318 - THEURER JOSEF [AT], et al

Cited by

AT2159U1; DE4213925A1; DE4213925C2; FR2704821A1; GB2277725B; US10252731B2

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