

Title (en)
A HOPPER RAILWAY CAR

Title (de)
SATTELEISENBAHNWAGEN

Title (fr)
VÉHICULE FERROVIAIRE À TRÉMIE

Publication
EP 3152093 A1 20170412 (EN)

Application
EP 15736866 A 20150527

Priority
• PL 40844014 A 20140605
• PL 2015000082 W 20150527

Abstract (en)
[origin: WO2015187043A1] A hopper railway car structure contains two pairs of rectangular swingarms to incline each loading platform (2), installed between a backbone beam (103) of the railway car undercarriage (1) and transverse beams (201) of the loading platform (2), along with a blocking mechanism of the inclined position of the platform (2) in transportation mode, two rotary cranes (4) with a vertical rotation axis (OZ), mounted via bases (5) on the undercarriage (1) of the railway car in a transition zone between the backbone beam (103) and a swivel beam (102), along with a mechanical lock of transverse position of the crane (4) in the transport mode, two pairs of extensible and rotating support legs (7) installed at the bases of cranes, along with a mechanical blocking of the vertical position of reversed support legs (7) in the transport mode, two power unit cabinets (6), comprising a motor and hydraulic equipment for each crane (4), installed on the swivel beam (102) between end sill (101) and the base (5) of the crane (4), two brake actuators (22), mounted on the side of the backbone beam (103) on the heel side of the railway car, with a brake lever (23) inserted into the centre of the backbone beam (103) through a side opening (20), two ballast boxes (24) installed under the loading platforms (2) on the side of the backbone beam (103) on the heel side of the railway car between a plates of horizontal bumpers (14).

IPC 8 full level
B61D 15/00 (2006.01); **E01B 29/02** (2006.01)

CPC (source: EP RU)
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Citation (search report)
See references of WO 2015187043A1

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