Title (en)
METHOD AND DEVICE FOR TRANSPORTING CONCRETE ON RAILS

Title (de)
VERFAHREN UND VORRICHTUNG ZUM BETONTRANSPORT AUF SCHIENEN

Title (fr)
PROCÉDÉ ET DISPOSITIF DE TRANSPORT DU BÉTON SUR RAILS

Publication
EP 2059375 B1 20120404 (DE)

Application
EP 07785112 A 20070824

Priority
• CH 2007000422 W 20070824
• CH 14462006 A 20060908

Abstract (en)
[origin: WO2008028307A1] Disclosed is a method that is carried out by means of railway vehicles (1, 2) which are each provided with a trough-shaped container that is open at the top. The containers (8) can be filled when the train moves slowly, whereupon the concrete is transported. The concrete is prevented from separating in the trough-shaped containers (8) by means of a stirring apparatus (18) during travel. In order to unload the concrete, the railway vehicles are pulled together by means of the couplings (24, 25) thereof such that the individual containers (8) are sealingly connected. The sliding openings in the end walls (11, 12) of the containers are then opened, and the conveyor system (18) conveys the concrete forward from one container (8) to another (8) to the front of the train, where the concrete is discharged through the forward end wall opening of the container (8) of the front railway vehicle (1) into the hopper of a concrete pump via a belt conveyor or into concrete hauling cars that convey the concrete directly into a concrete pump.

IPC 8 full level
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CPC (source: EP)
B28C 5/4286 (2013.01); **B61D 5/00** (2013.01); **B61D 7/32** (2013.01); **E21D 11/105** (2013.01)

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