

Title (en)

RAIL VEHICLE HAVING AN EXTRACTION PIPE

Title (de)

SCHIENENFAHRZEUG MIT ABSAUGLEITUNG

Title (fr)

VÉHICULE FERROVIAIRE MUNI D'UNE CONDUITE D'ASPIRATION

Publication

**EP 3697665 A1 20200826 (DE)**

Application

**EP 18815538 A 20181123**

Priority

- DE 102017223080 A 20171218
- EP 2018082393 W 20181123

Abstract (en)

[origin: WO2019120883A1] The invention relates to a rail vehicle (1) which has a waste water tank (10), an extraction pipe (20) which is connected to the waste water tank (10) and leads from the waste water tank (10) to an extraction connection (30) for extracting the waste water, and comprises a shut-off valve (22) which is introduced into the extraction pipe (20) and which, in an opened state, opens the extraction pipe (20) and, in a closed state, closes the extraction pipe (20). Furthermore, the rail vehicle (1) comprises a compressed air pipe (40), which is connected via a compressed air connection (42) to the extraction pipe (20) and, in the closed state of the shut-off valve (22), is configured to introduce compressed air into the extraction pipe (20) via the compressed air connection (42), the compressed air connection (42) being positioned between the shut-off valve (22) and the waste water tank (10).

IPC 8 full level

**B61D 35/00** (2006.01)

CPC (source: EP RU)

**B61D 35/00** (2013.01 - EP RU)

Citation (search report)

See references of WO 2019120883A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102017223080 A1 20190619; DE 102017223080 B4 20200109;** CN 213831686 U 20210730; EP 3697665 A1 20200826; EP 3697665 B1 20210804; ES 2896692 T3 20220225; RU 200513 U1 20201028; WO 2019120883 A1 20190627

DOCDB simple family (application)

**DE 102017223080 A 20171218;** CN 201890001427 U 20181123; EP 18815538 A 20181123; EP 2018082393 W 20181123; ES 18815538 T 20181123; RU 2020120035 U 20181123