

Title (en)
Railway vehicle with a sanitary device

Title (de)
Schienenfahrzeug mit einer Sanit rvorrichtung

Title (fr)
V hicule ferroviaire dot  d'un dispositif sanitaire

Publication
EP 2371654 A3 20130116 (DE)

Application
EP 11156034 A 20110225

Priority
DE 102010011881 A 20100318

Abstract (en)
[origin: EP2371654A2] The vehicle has a wastewater pipeline (3) provided between a sanitary device (1) and a connector (4) for an objective container (5) to receive the wastewater. A wastewater connection (2) of the sanitary device lies lower than a portion of the pipeline to the container, so that the wastewater is conveyed through the pipeline against gravitational force. The pipeline has a check valve (6) arranged between the wastewater connection and the portion of the pipeline. The check valve is formed by tube bends and by increasing and decreasing a course of the pipeline.

IPC 8 full level
B61D 35/00 (2006.01)

CPC (source: EP US)
B61D 35/007 (2013.01 - EP US); **Y10T 137/6866** (2015.04 - EP US)

Citation (search report)
• [X] EP 1293614 A2 20030319 - TECN MODULARES E IND S A [ES]
• [X] GB 2385608 A 20030827 - REILLY FELIX MARY [IE], et al
• [X] US 6085366 A 20000711 - PONDELICK MARK [US], et al
• [A] US 2001034902 A1 20011101 - TYLER STEVEN J [US]
• [A] US 5524655 A 19960611 - POWERS THEODORE C [US], et al
• [A] EP 0555984 A1 19930818 - EVAC AB [SE]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2371654 A2 20111005; EP 2371654 A3 20130116; EP 2371654 B1 20140625; DE 102010011881 A1 20110922; ES 2493315 T3 20140911; US 2011226349 A1 20110922

DOCDB simple family (application)
EP 11156034 A 20110225; DE 102010011881 A 20100318; ES 11156034 T 20110225; US 201113051483 A 20110318