

Title (en)

System for discharging grey water from a sanitation device of a rail vehicle

Title (de)

Ablasssystem für Grauwasser aus einer Sanitäreinrichtung eines Schienenfahrzeuges

Title (fr)

Système d'évacuation pour l'eau usée d'une installation sanitaire d'un véhicule ferroviaire

Publication

EP 2199176 A3 20111019 (DE)

Application

EP 09178717 A 20091210

Priority

DE 102008064369 A 20081222

Abstract (en)

[origin: EP2199176A2] The drain system has a drain pipe (7) underneath to rail vehicle and outward to the track with which grey water is led away. The external wall of the drain pipe is directly expanding under formation of front side flat ring area (9).

IPC 8 full level

B61D 35/00 (2006.01)

CPC (source: EP)

B61D 35/00 (2013.01)

Citation (search report)

- [X] DD 271353 A1 19890830 - BERLIN FAHRZEUGAUSRÜSTUNG [DD]
- [X] DE 2426089 A1 19751218 - DEUTSCHE BUNDESBahn
- [X] DD 136483 A1 19790711 - PETRICK ECKEHARD, et al
- [A] DD 271351 A1 19890830 - BERLIN FAHRZEUGAUSRÜSTUNG [DD]

Cited by

CN103419805A; CN108757099A; WO2013110398A1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2199176 A2 20100623; EP 2199176 A3 20111019; EP 2199176 B1 20150128; DE 102008064369 A1 20100708; ES 2532959 T3 20150406

DOCDB simple family (application)

EP 09178717 A 20091210; DE 102008064369 A 20081222; ES 09178717 T 20091210