

Title (en)
Railway bridge drain

Title (de)
Ablauf für Eisenbahnbrücken

Title (fr)
Caniveau pour ponts ferroviaires

Publication
EP 1528155 A2 20050504 (EN)

Application
EP 04466026 A 20041025

Priority
CZ 20032979 A 20031103

Abstract (en)
The railway bridge drain composed of a flat full plate (1), which has a round opening (2) in its centre, and of a drainpipe (9), which is situated in the round opening (2), of the plate (1) to which it is vertically connected and inside the drainpipe (9) is a nut (3) in the centre. A flat full collar (4) in the centre of the top part of the plate (1) contains a square opening (5) and on the plate (1) is a drainage cover (6), set-up from side walls and top wall, of which the drainage openings (11) which are inside the drain cover (6), make from 20 to 30 % of the total surface of the drainage cover (6). The plate (1), collar (4) and drainage cover (6) are connected together by a connecting screw (10), which is connected to the nut (3) in the drainpipe (9). A drain frame (7), which is made-up of sidewalls and top wall, and has drainage openings (11), can be placed around the drain cover (6).

IPC 1-7
E01D 19/08

IPC 8 full level
E01D 19/08 (2006.01); **E04D 13/04** (2006.01)

CPC (source: EP)
E01B 1/008 (2013.01); **E01D 19/086** (2013.01); **E04D 13/0409** (2013.01); **E04D 2013/0413** (2013.01)

Cited by
KR101652758B1; CN108131162A; FR3087461A1; US11952780B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1528155 A2 20050504; **EP 1528155 A3 20060111**; CZ 20032979 A3 20050615; CZ 298314 B6 20070822

DOCDB simple family (application)
EP 04466026 A 20041025; CZ 20032979 A 20031103