

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)  
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**EP 1528155 A2 20050504**; **EP 1528155 A3 20060111**; CZ 20032979 A3 20050615; CZ 298314 B6 20070822

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