

Title (en)

Girder for railway bridge and method for its manufacture

Title (de)

Längsträger für Eisenbahnbrücke und Verfahren für seine Herstellung

Title (fr)

Poutre pour pont pour voies ferrées et sa procédée de fabrication

Publication

EP 2218825 B1 20181219 (DE)

Application

EP 10001460 A 20100212

Priority

DE 102009008826 A 20090213

Abstract (en)

[origin: EP2218825A2] The bridge has longitudinal supports (1) rigidly connected with each other and arranged adjacent to each other in cross section. The supports comprise a U-shaped cross section with a lower flange (3) and two upper belts (4) with a central recess (5) for receiving rail fasteners (6) and a rail. The longitudinal supports are formed as a reinforced concrete composite beam comprising steel beams (10, 22) and a concrete support (16). The steel beams are arranged together such that bars of the beams lie on different axes. An independent claim is also included for a producing a reinforced-concrete composite beam for the bridge.

IPC 8 full level

E01D 2/00 (2006.01); **E04C 3/293** (2006.01)

CPC (source: EP)

E01D 2/00 (2013.01); **E04C 3/293** (2013.01); **E01D 2101/268** (2013.01)

Cited by

CN108726368A; CN113591186A; FR3004737A1; CN116837667A; WO2017101769A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DE 102009008826 B4 20141211; PL 2218825 T3 20190731

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