

Title (en)

Buffer for railway vehicles and method for manufacture of the buffer

Title (de)

Puffer für Schienenfahrzeuge sowie Verfahren zur Herstellung des Puffers

Title (fr)

Tampon pour véhicules ferroviaires et procédé pour la fabrication du tampon

Publication

EP 1800988 A1 20070627 (DE)

Application

EP 06405447 A 20061023

Priority

CH 20422005 A 20051222

Abstract (en)

The buffer for rail vehicles includes a buffer plate (6) of plastic which is housed and fixed in a buffer head (1), wherein the buffer plate has a basically smooth surface on the rear side which faces the base of a recess (3) in the buffer head, while the base of the recess has projections and/or indentations (5) which may be in groove form and recessed into the base in helical fashion. An independent claim is included for a method for producing a buffer for rail vehicles in which the base of the recess in the buffer head is provided with indentations and/or projections by means of a cutting process, by laser machining, forging, eroding, embossing or casting.

IPC 8 full level

B61G 11/18 (2006.01)

CPC (source: EP)

B61G 11/18 (2013.01)

Citation (applicant)

- CH 370109 A 19630630 - SCHWEIZ WAGONS AUFZUEGEFAB [CH]
- EP 1354778 A1 20031022 - SCHWAB VERKEHRSTECHNIK AG [CH]
- GB 809137 A 19590218 - JOHN HENRY ONIONS, et al
- EP 1083105 A2 20010314 - SCHWAB VERKEHRSTECHNIK AG [CH]

Citation (search report)

- [AD] GB 809137 A 19590218 - JOHN HENRY ONIONS, et al
- [AD] EP 1354778 A1 20031022 - SCHWAB VERKEHRSTECHNIK AG [CH]
- [A] EP 0887244 A1 19981230 - DUEWAG AG [DE]

Cited by

EP2537730A1; CN109834230A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

EP 1800988 A1 20070627; EP 1800988 B1 20081203; AT E416115 T1 20081215; CH 701575 B1 20110215; DE 502006002249 D1 20090115; ES 2317480 T3 20090416

DOCDB simple family (application)

EP 06405447 A 20061023; AT 06405447 T 20061023; CH 20422005 A 20051222; DE 502006002249 T 20061023; ES 06405447 T 20061023