

Title (en)
Railcar buffer

Title (de)
Puffer für Schienenfahrzeuge

Title (fr)
Tampon pour véhicules ferroviaires

Publication
EP 0887244 A1 19981230 (DE)

Application
EP 98111056 A 19980617

Priority
DE 19726516 A 19970623

Abstract (en)
The plastic layer (3) is so elastically deformable that occurring pressures are transmitted surface-wise. The buffer plate (1) is screwable onto a flange of the buffer thruster and is completely formed by the layer of duroplastic fibre-reinforced plastic (3). The plastic layer (3) has an outer zone containing the contact surface (2) with good slide properties and minimal wear tendencies, together with a central support zone, which is correspondingly formed to provide the necessary strength and elastic deformation characteristics. The plastic layer contains an inner adhesive zone, which provides good adhesion in relation to a steel flange-shaped basic plate (5) of the buffer plate (1).

Abstract (de)
Ein Puffer für Schienenfahrzeuge hat einen Pufferteller (1), der eine im Hinblick auf möglichst geringen Verschleiß ausgeführte Kontaktfläche (2) aufweist. Dazu ist der Pufferteller (1) mit zumindest einer Schicht (3) aus duroplastischem faserverstärktem Kunststoff versehen, die derart elastisch verformbar ist, daß auftretende Pressungen flächig übertragen werden. <IMAGE>

IPC 1-7
B61G 11/18

IPC 8 full level
B61G 11/18 (2006.01)

CPC (source: EP)
B61G 11/18 (2013.01)

Citation (applicant)
• DE 2619469 A1 19771117 - RINGFEDER GMBH
• DE 4337257 C1 19950413 - RINGFEDER GMBH [DE]

Citation (search report)
• [A] CH 370109 A 19630630 - SCHWEIZ WAGONS AUFZUEGEFAB [CH]
• [A] GB 809137 A 19590218 - JOHN HENRY ONIONS, et al
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CN102582650A; EP1800988A1

Designated contracting state (EPC)
AT CH DE FR IT LI NL SE

DOCDB simple family (publication)
DE 19726516 A1 19981224; EP 0887244 A1 19981230

DOCDB simple family (application)
DE 19726516 A 19970623; EP 98111056 A 19980617