

Title (en)
Buffer for railway vehicles

Title (de)
Puffer für Schienenfahrzeuge

Title (fr)
Tampon pour véhicules ferroviaires

Publication
EP 1283142 B1 20050608 (DE)

Application
EP 02405589 A 20020711

Priority
CH 14752001 A 20010810

Abstract (en)
[origin: EP1283142A1] The buffer has a buffer box (1) on the train side and a relatively moveable gas-hydraulic buffer plunger unit (2) with plate (4) and tube (5). A radially moveable intermediate element (15) is positioned floating between plate and tube, to transmit eccentric forces acting on the plate, centrally onto the buffer tube. The tube has a disc (10) facing the intermediate element to support it. Buffer plate, disc, and intermediate element are of a plastic having good sliding characteristics.

IPC 1-7
B61G 11/12; **B61G 11/18**

IPC 8 full level
B61G 11/12 (2006.01); **B61G 11/18** (2006.01)

CPC (source: EP)
B61G 11/12 (2013.01); **B61G 11/18** (2013.01)

Cited by
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DOCDB simple family (publication)
EP 1283142 A1 20030212; **EP 1283142 B1 20050608**; AT E297335 T1 20050615; DE 50203315 D1 20050714; ES 2243680 T3 20051201; PL 199059 B1 20080829; PL 355254 A1 20030224

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EP 02405589 A 20020711; AT 02405589 T 20020711; DE 50203315 T 20020711; ES 02405589 T 20020711; PL 35525402 A 20020730