

Title (en)  
Buffer for railway vehicles

Title (de)  
Puffer für Schienenfahrzeuge

Title (fr)  
Tampon pour véhicules ferroviaires

Publication  
**EP 1083105 B1 20041013 (DE)**

Application  
**EP 00810738 A 20000818**

Priority  
DE 19942775 A 19990908

Abstract (en)  
[origin: EP1083105A2] The buffer has a buffer casing (1) fixed to the train and an axially moving buffer plunger (2) supported by a spring assembly (13) with a buffer plate (6) arranged on one side of a plunger tube (3). The plunger tube has a radially expanding section (4) on its end facing towards the buffer plate, and the buffer plate is welded to the end of the radially expanding section, to form welds (9) on the inside and the outside of the plunger tube. An Independent claim is included for a method for manufacturing the buffer.

IPC 1-7  
**B61G 11/18**; **B61G 11/08**

IPC 8 full level  
**B61G 11/08** (2006.01); **B61G 11/18** (2006.01)

CPC (source: EP)  
**B61G 11/08** (2013.01); **B61G 11/18** (2013.01)

Cited by  
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Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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