

Title (en)
Central buffer coupling for railway vehicles

Title (de)
Mittelpufferkupplung für Schienenfahrzeuge

Title (fr)
Attelage central pour véhicules ferroviaires

Publication
EP 1719684 B1 20070815 (DE)

Application
EP 05009705 A 20050503

Priority
EP 05009705 A 20050503

Abstract (en)
[origin: EP1719684A1] The coupling has a coupling-shaft (1) and a linkage (2), which includes a bearing case (4), where the rear end of the shaft is connected with the linkage. The rear end of the shaft is horizontally pivotable by the bearing case at a wagon body of the railway vehicle. A shock proof unit (5) integrated in the linkage is designed such that a connection between the shaft and the linkage is released when a critical impact force transmitted by the shaft to the linkage exceeds, and the shaft partially absorbs the force transmitted to the linkage.

IPC 8 full level
B61G 7/10 (2006.01); **B61G 7/14** (2006.01)

CPC (source: EP KR US)
B61G 7/10 (2013.01 - EP US); **B61G 7/14** (2013.01 - EP KR US)

Cited by
WO2024003261A1; DE102016206989A1; EP2522560A1; EP4299406A1; WO2015096893A1; DE102013110888A1; CN103569152A; CN107667050A; EP2617622A1; US10507850B2; US10266186B2; DE102020105294A1; DE202013005377U1; US10227077B2; WO2016188758A1; WO2017076871A1; WO2017186463A1; US10850751B2; EP2886413A1; US10308262B2; EP3205551B1; EP3205551B2

Designated contracting state (EPC)
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