

Title (en)
Device for absorbing extreme buffering shock energy for railway vehicles

Title (de)
Überstoss-Energieverzehreinrichtung für Schienenfahrzeuge

Title (fr)
Dispositif absorbeur d'énergie extrême de tamponnet pour véhicules ferroviaires

Publication
EP 0858937 A3 19990519 (DE)

Application
EP 98101972 A 19980205

Priority
DE 19705226 A 19970212

Abstract (en)
[origin: EP0858937A2] The energy dissipating device (3) has at least one energy dissipating element (5) and power input element (6) for the rail vehicle (1). This acts on the further impact and energy build-up after the energy receiving capacity of the primary reversible energy dissipating device has been used up. There is at least one energy dissipating element or its force input element fitted in the endface of the rail vehicle, within the vehicle outline. After the activation of one dissipating element (4) by an activation mechanism (7), the other element is pushed forward against the direction of impact outside the endface outline of the vehicle onto the corresponding element of the next vehicle.

IPC 1-7
B61G 11/14; **B61D 15/06**

IPC 8 full level
B61D 15/06 (2006.01); **B61G 11/14** (2006.01)

CPC (source: EP)
B61D 15/06 (2013.01); **B61G 11/14** (2013.01)

Citation (search report)
• [A] DE 4303549 A1 19940811 - BERGISCHE STAHLINDUSTRIE [DE]
• [A] DE 4332289 A1 19950323 - DEUTSCHE BAHN AG [DE]
• [A] FR 2531393 A1 19840210 - SCHARFENBERGKUPPLUNG GMBH [DE]

Cited by
EP4238847A4; WO02096734A1; US6685040B2; TWI505959B

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

DOCDB simple family (publication)
EP 0858937 A2 19980819; **EP 0858937 A3 19990519**; **EP 0858937 B1 20030108**; AT E230690 T1 20030115; DE 19705226 A1 19980813; DE 59806838 D1 20030213; ES 2189011 T3 20030701

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