

Title (en)
Connection between vehicle bodies

Title (de)
Wagenkastenverbindung

Title (fr)
Connexion entre caisses des wagons

Publication
EP 0915001 B1 20030813 (DE)

Application
EP 98120736 A 19981102

Priority
DE 19749507 A 19971108

Abstract (en)
[origin: EP0915001A1] The connector (3) connects the wagon boxes (I, II) of closed rail vehicle units to each other. The connector, based on the principle of a rubber bellows, is fitted into the wagon box structure cross section. The power transmission is arranged so that when a specified load limit is overstepped, reversibly and irreversibly deformable regions of the device are pulled together in a controlled deformation, augmented by the energy absorption zones of the wagon box ends. The ends (1, 2) of the wagon boxes are made in the form of ring frames.

IPC 1-7
B61D 17/20; **B61D 15/06**

IPC 8 full level
B61D 15/06 (2006.01); **B61D 17/20** (2006.01)

CPC (source: EP)
B61D 15/06 (2013.01); **B61D 17/20** (2013.01)

Cited by
DE102018130813A1; EP1580094A1; WO0130628A1; WO2020114835A1; EP3670286A1; DE102018132455A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
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