

Title (en)  
RAILWAY WAGGON

Publication  
**EP 0019098 B1 19830525 (DE)**

Application  
**EP 80102116 A 19800419**

Priority  
DE 2919600 A 19790516

Abstract (en)  
[origin: EP0019098A1] 1. A railway freight car for a train unit with a continuous low-lying car floor (W), in particular for transporting road vehicles, and consisting of several low-floor cars (E, M) with small wheels and closely coupled to each other, or which the respective cars (E) disposed at the ends comprise a head unit (K) lying above the car floor (W) and possessing train drawgear and buffers, and able to be swivelled about a shaft out of the region of the loading surface in order to allow end loading and unloading of the train unit, characterised in that the head units (K) of the cars (E) disposed at the ends of the train unit are supported on both sides on the vehicle underframe by means of a respective perpendicular shaft (11) lying outside the car floor (W), and can at choice be either removed or be swivelled about one of the shafts (11).

IPC 1-7  
**B61D 3/16**

IPC 8 full level  
**B61D 3/16** (2006.01); **B61D 3/18** (2006.01); **B61D 47/00** (2006.01); **B61G 7/10** (2006.01)

CPC (source: EP)  
**B61D 3/184** (2013.01); **B61D 47/005** (2013.01); **B61G 7/10** (2013.01)

Cited by  
AT16834U1; EP0584039A1; AT392923B; CN111572570A; GB2272874A; GB2272874B; GB2179311A; GB2179311B; EP1090825A2

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

DOCDB simple family (publication)  
**EP 0019098 A1 19801126; EP 0019098 B1 19830525**; AT E3521 T1 19830615; DD 150576 A5 19810909; DE 2919600 A1 19801120; DE 2919600 C2 19850221; DK 155986 B 19890612; DK 155986 C 19891106; DK 189680 A 19801117; ES 491498 A0 19801216; ES 8101480 A1 19801216; NO 149838 B 19840326; NO 149838 C 19840704; NO 801441 L 19801117; PL 122717 B1 19820831; PL 224173 A1 19810227; YU 114480 A 19830228; YU 40391 B 19851231

DOCDB simple family (application)  
**EP 80102116 A 19800419**; AT 80102116 T 19800419; DD 22108580 A 19800513; DE 2919600 A 19790516; DK 189680 A 19800430; ES 491498 A 19800514; NO 801441 A 19800514; PL 22417380 A 19800512; YU 114480 A 19800425