

Title (en)  
LOW-LOADER WAGON

Publication  
**EP 0208228 B1 19890524 (DE)**

Application  
**EP 86108920 A 19860701**

Priority  
NL 8501911 A 19850704

Abstract (en)  
[origin: ES2001501A6] A railroad flat car having a rotatable loading floor for transferring loads between it and a platform. A sleeve is provided in the rotatable loading floor which slidably receives a beam coupled to the chassis. The beam is extended into the sleeve to secure the loading floor in its stowed position during travel. The beam abuts against a steel plate in the sleeve to provide a solid buffer against horizontal motion of the rotatable loading floor along its longitudinal axis, the beam and sleeve also stiffen the rail car to minimize sagging under heavy loads. The end of the loading floor has a pinion gear which meshes with a toothed rack on the chassis. A motor turns the pinion gear to swing the rotatable loading floor into position.

IPC 1-7  
**B61D 3/18**; **B61D 47/00**

IPC 8 full level  
**B61D 3/18** (2006.01); **B61D 47/00** (2006.01)

CPC (source: EP US)  
**B61D 3/184** (2013.01 - EP US); **B61D 47/005** (2013.01 - EP US)

Cited by  
EP0404037A3; EP3904599A1; EP2279925A1; EP2532562A1; EP0344667A3; EP2228278A1; EP2388173A3; US11608094B2

Designated contracting state (EPC)  
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**EP 0208228 A2 19870114**; **EP 0208228 A3 19871202**; **EP 0208228 B1 19890524**; AT E43309 T1 19890615; DE 3663499 D1 19890629; ES 2001501 A6 19880601; HU 199738 B 19900328; HU T49527 A 19891030; NL 8501911 A 19870202; US 4776735 A 19881011

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**EP 86108920 A 19860701**; AT 86108920 T 19860701; DE 3663499 T 19860701; ES 8601018 A 19860704; HU 280386 A 19860703; NL 8501911 A 19850704; US 10548787 A 19870930