

Title (en)
PAYLOAD PROTECTION DEVICE FOR TRANSPORT UNITS

Publication
EP 0152788 A3 19870819 (DE)

Application
EP 85100660 A 19850123

Priority
DE 3403707 A 19840203

Abstract (en)
[origin: EP0152788A2] The device is used in particular in railway goods waggons in which partition walls are arranged between the stacks of loaded material, are suspended in the waggon body by means of running rollers, are longitudinally displaceable and can be fixed as desired at the top and bottom of the waggon body by means of grids. In the known partition walls, the longitudinal forces occurring as a result of buffer impacts are transferred directly from the partition walls via their grids into the waggon body. The partition walls, the grids and the mounting devices of the grids on the waggon body are thus very highly loaded. The aim of the invention consists in elastically absorbing the inertia forces acting on the partition walls so that the waggon body, the loaded material and the partition walls are protected from damage. This aim is achieved in that a locking pin 20 which cooperates with a locking rail 6 of the waggon body is arranged at at least the upper grids 11 of the partition wall 8 and is displaceable relative to the partition wall 8 in the longitudinal direction of the vehicle counter to the force of a damping spring 22 arranged in the grid 11, whilst the position of the locking pin 20 is unchangeable during the displacement of the partition wall 8. <IMAGE>

IPC 1-7
B61D 45/00; **B60P 7/14**

IPC 8 full level
B61D 45/00 (2006.01)

CPC (source: EP)
B61D 45/006 (2013.01)

Citation (search report)

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- [A] FR 2359727 A1 19780224 - WAGGON UNION GMBH [DE]
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Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0152788 A2 19850828; **EP 0152788 A3 19870819**; DE 3403707 A1 19850808; DK 46285 A 19850804; DK 46285 D0 19850201; FI 850368 A0 19850129; FI 850368 A 19850804

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EP 85100660 A 19850123; DE 3403707 A 19840203; DK 46285 A 19850201; FI 850368 A 19850129