

Title (en)

Semi-fixed covering.

Title (de)

Ausstellbare Hauben für Eisenbahnwagen.

Title (fr)

Couverture de wagon déboitable.

Publication

**EP 0438701 B1 19940713 (EN)**

Application

**EP 90123928 A 19901212**

Priority

FI 896324 A 19891228

Abstract (en)

[origin: EP0438701A2] A semi-fixed covering for an automobile-carrying wagon, a covering which is made up of covering sections (2) which can be moved outwards from the wagon center line (P) in order to provide walking space and space for opening automobile doors in a loaded wagon. The covering sections (2a-h) are fastened to the wagon frame (5) by means of pivot-arm pairs (3, 4). The pivot arms are at a distance (H1), parallel to the wagon side (7), from each other, and they are each hinged at one end to the wagon frame and at the other end to the covering section, in such a manner that the pivot axes (11', 12', 9', 10') of these hinge articulations (9-12) are mutually parallel and perpendicular to the said distance (H1).  
<IMAGE>

IPC 1-7

**B61D 39/00**; **B61D 3/18**; **B61D 3/02**

IPC 8 full level

**B61D 3/02** (2006.01); **B61D 3/18** (2006.01); **B61D 39/00** (2006.01)

CPC (source: EP)

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Cited by

US5682823A; FR2903371A1; EP0849136A3; EP0463505A1; EP0532866A1; FR2716855A1; FR2830502A1; DE4317013A1; DE4317013B4; EP1369330A1; EP1738984A1; WO2011076331A1; WO9524331A1; WO2008003844A1; WO2011054410A3; WO03031247A3

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**EP 0438701 A2 19910731**; **EP 0438701 A3 19911113**; **EP 0438701 B1 19940713**; DE 438701 T1 19920116; DE 69010656 D1 19940818; DE 69010656 T2 19941103; FI 84245 B 19910731; FI 84245 C 19911111; FI 896324 A0 19891228; FI 896324 A 19910629

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