

Title (en)
Body of a railway vehicle

Title (de)
Wagenkasten eines Schienenfahrzeuges

Title (fr)
Caisse d'un véhicule ferroviaire

Publication
EP 0899176 B1 20040204 (DE)

Application
EP 98115303 A 19980814

Priority
DE 19736910 A 19970825

Abstract (en)
[origin: EP0899176A1] The wagon box has a bottom plate (1), end walls (2), side walls (3) and a roof (4). The entire wagon box forms a bearing tube-like bonded structure, within which the bottom plate and the end walls consist of extruded aluminum strips. The side walls and roof are produced in the form of hoods of bonded fiber material. At least one upper longitudinal bearer (5) is used as an auxiliary bearing element for the bonded structure.

IPC 1-7
B61D 17/04; **B61D 17/00**

IPC 8 full level
B61D 17/00 (2006.01); **B61D 17/04** (2006.01)

CPC (source: EP)
B61D 17/005 (2013.01); **B61D 17/045** (2013.01)

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

DOCDB simple family (publication)
EP 0899176 A1 19990303; **EP 0899176 B1 20040204**; AT E258863 T1 20040215; DE 19736910 A1 19990304; DE 59810700 D1 20040311; ES 2216217 T3 20041016

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