

Title (en)

Anti-climbing protection for rail vehicles, in particular for tank wagons

Title (de)

Überpufferungsschutz für Schienenfahrzeuge, insbesondere Tank- oder Kesselwagen

Title (fr)

Protection anti-chevauchement pour véhicules ferroviaires, en particulier pour wagons-citernes

Publication

EP 1849677 A3 20080326 (DE)

Application

EP 07001567 A 20070125

Priority

DE 102006006159 A 20060210

Abstract (en)

[origin: EP1849677A2] Each fitted so as to lean forward towards buffers (4), protective shields (1) have a 70[deg] angle of forward lean towards a chassis (2) and a 90[deg] angle towards an over-buffering buffer. They also trace a semi-circle by following the end (6) of a tank (7) turned towards them and fit with a clearance form it. On their bottom edges (8), they link as well to the chassis.

IPC 8 full level

B61D 5/06 (2006.01)

CPC (source: EP)

B61D 5/06 (2013.01)

Citation (search report)

[A] US 3994239 A 19761130 - BAKER FORREST L, et al

Cited by

DE102012221313B3; RU175790U1; RU197164U1; DE102013009121B3; CN109625009A; RU177726U1; EP2808222A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1849677 A2 20071031; EP 1849677 A3 20080326; EP 1849677 B1 20100310; AT E460323 T1 20100315; DE 102006006159 A1 20070816; DE 502007003054 D1 20100422; PL 1849677 T3 20100730

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