

Title (en)

Emergency release device to enable a level crossing barrier to yield in case of horizontal stress or impact

Title (de)

Notlösung für Schranke

Title (fr)

Dispositif d'urgence déclenchable pour barrière

Publication

EP 0584049 B1 19961204 (EN)

Application

EP 93830311 A 19930720

Priority

IT FI920168 A 19920812

Abstract (en)

[origin: EP0584049A1] The barrier (3, 22) is pivoted on a supporting body (9) by means of two separated coaxial vertical pins (26, 28); the axial displacement of the barrier with respect to the said pins (26, 28) and its release from them are prevented by a bolt (10) which is disengaged at the moment of an initial angular yielding of the barrier about the said pins (26, 28), so that the barrier (3, 22) is released axially from the two vertical pins (26, 28); the barrier (3, 22) and the said supporting body (9) form fork-shaped arms (9A, 9B; 22A, 22B) which interact with each other, with the vertical pins (26, 28), and with the bolt (10). <IMAGE>

IPC 1-7

E01F 13/00

IPC 8 full level

E01F 13/06 (2006.01)

CPC (source: EP)

E01F 13/06 (2013.01)

Cited by

FR2854908A1; ES2154136A1; US8161681B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0584049 A1 19940223; EP 0584049 B1 19961204; AT E145953 T1 19961215; DE 69306337 D1 19970116; DE 69306337 T2 19970430; IT 1258183 B 19960220; IT FI920168 A0 19920812; IT FI920168 A1 19940212

DOCDB simple family (application)

EP 93830311 A 19930720; AT 93830311 T 19930720; DE 69306337 T 19930720; IT FI920168 A 19920812