

Title (en)

Front structure of a railway electric locomotive with a retractable door for the access to the automatic coupler

Title (de)

Stirnseite einer elektrischen Eisenbahn-Lokomotive mit einer einziehbaren Tür für den Zugang zur automatischen Kupplung

Title (fr)

Structure avant d'une locomotive ferroviaire électrique avec une porte rétractable pour l'accès à l'attelage automatique

Publication

EP 0811539 A3 19980819 (EN)

Application

EP 96830599 A 19961128

Priority

IT FI960134 A 19960605

Abstract (en)

[origin: EP0811539A2] A front structure of a locomotive comprising a fixed part (1) on which an opening (1a) is formed and a movable door (2) pivotally connected to said fixed part and axially translatable within it, so that the door can be arranged in a closure position and in an open position rotated of about 90 DEG with respect to said closing position and recessed inside the front structure. The door (2) is housed in said opening (1a) and is connected to actuating means (9, 11) integral with the fixed portion for transmitting it an axial translational motion to displace it from said closure position to an intermediate backwards position. Elastic means (8) are provided extending from said fixed position and eccentrically forcing against the door to keep it in the intermediate backwards position. The door is pivotally suspended to a frame (4) hinged to the fixed portion (1), the actuating means (9, 11) comprising connecting rod means (11) connected to the frame (4) and to a crank mechanism (9) operable from the outside of the structure. <IMAGE>

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B61D 17/06; **B61D 19/00**

IPC 8 full level

B61D 17/06 (2006.01); **B61D 19/00** (2006.01)

CPC (source: EP)

B61D 17/06 (2013.01); **B61D 19/004** (2013.01)

Citation (search report)

- [A] DE 4445182 C1 19951221 - BERGISCHE STAHLINDUSTRIE [DE]
- [A] DE 4300393 A1 19940714 - BERGISCHE STAHLINDUSTRIE [DE]
- [A] EP 0348930 A1 19900103 - ALSTHOM [FR]

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US7191909B2; JP2011255886A; CN113715857A; EP1350703A1; CN1296244C; CN107000765A; EP2394879A1; CN102310865A; AU2011202010B2; KR101290452B1; US8468953B2; WO2019219809A1; WO03084795A1; WO2016174070A1

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