

Title (en)
Door actuating apparatus

Title (de)
Türbetätigungsvorrichtung

Title (fr)
Dispositif d'actionnement de portes

Publication
EP 0728894 A1 19960828 (EN)

Application
EP 95200484 A 19950227

Priority
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Abstract (en)
To provide a door opening and closing apparatus for an electric train which facilitates smooth driving of the door without overstraining the door and eliminates cumbersome fine tuning, a linear motor (14), comprised of stator coils (2) and a moving field means (3), is mounted in a frame (1); and the moving field means (3) is slid along the stator coils (2) by controlling current flow through the linear motor (14); and a door (6) coupled with the moving field means (3) is smoothly driven. An emergency power supply (12) is provided to allow opening of the door (6) in the event of a power failure. <IMAGE>

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E05F 15/18; E05F 15/10

IPC 8 full level
E05F 15/10 (2006.01); **E05F 15/60** (2015.01)

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Citation (search report)
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• [Y] US 4904880 A 19900227 - YOSHIDA YUKIO [JP]
• [A] EP 0330828 A1 19890906 - BKS GMBH [DE]

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FR2859051A1; EP1688576A3; WO2015117871A1; US7064505B2; US8297201B2; EP2065769A1

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