

Title (en)

SLIDING DOOR HAVING A LINEAR MOTOR DRIVE

Title (de)

SCHIEBETÜR MIT EINEM LINEARMOTOR-ANTRIEB

Title (fr)

PORTE COULISSANTE À ENTRAÎNEMENT À MOTEUR LINÉAIRE

Publication

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Application

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Abstract (en)

[origin: WO2006040100A1] The invention relates to a sliding door comprising a magnetic drive system for at least one door wing (5), comprising a linear drive unit which is provided with at least one row of soft or hard magnetic elements (1, 1e, 1f) and at least one coil arrangement made of several individual coils (7, 7a, 7b, 7c), said coil arrangement bringing about an interaction with the at least one row of soft or hard magnetic elements (1, 1e, 1f) during the corresponding control of the individual coils, which produce advance forces. The coil arrangement is built in a modular manner according to the invention.

IPC 8 full level

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Citation (examination)

- JP 2003244928 A 20030829 - TOYOTA AUTO BODY CO LTD
- JP H08275493 A 19961018 - MATSUSHITA ELECTRIC WORKS LTD
- WO 2004053265 A1 20040624 - DORMA GMBH & CO KG [DE], et al
- EP 1122391 A2 20010808 - TOYOTA AUTO BODY CO LTD [JP]

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