

Title (en)

SWING DOOR FOR A PASSAGE USED BY PEOPLE

Title (de)

SCHWENKTÜRE FÜR EINEN PERSONENDURCHGANG

Title (fr)

PORTILLON POUR LE PASSAGE DE PERSONNES

Publication

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Application

EP 95942043 A 19951221

Priority

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- DE 4446378 A 19941223

Abstract (en)

[origin: DE4446378A1] The invention pertains to a swing door (1) for a passage used by people, having a door wing (6) that is attached to a housing (2) and that has a pivot component (7) mounted on the housing (2) to pivot about a vertical axis (5), the door wing (6) being driven by an electric motor that is subject to control means and that has a stator (22) with electromagnets (24) and a rotor (25) designed to drive the door wing (6). The essence of the invention is that the electric motor is a pulsed electric motor (21) whose rotor (25), in the form of an iron cylinder (26), is set in translatory rotary movement by pulsed excitation of the electromagnets (24) of the stator (22) and is connected by friction lock to the pivot component (7) of the door wing (6).

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