

Title (en)

Linear motor type curtain opening and closing device

Title (de)

Vorrichtung zum Öffnen und Schliessen eines Vorhanges des Linearmotortyps

Title (fr)

Dispositif d'ouverture et de fermeture de rideaux du type à moteur linéaire

Publication

EP 0807393 A2 19971119 (EN)

Application

EP 97107884 A 19970514

Priority

JP 14797696 A 19960517

Abstract (en)

To provide a linear motor type curtain opening and closing device capable of smoothly running ring runners, there is provided a linear motor type curtain opening and closing device constituted by an outer rail (20) incorporating stators, a movable element (50) running in the outer rail (20) and a plurality of ring runners (80, 82A, 82B....) fitted movably to the outer periphery of the outer rail (20) along the outer rail (20) and capable of hanging a curtain where a forefront one of the ring runner (80) is fixed to the movable element (50) by which in running the movable element (50), the ring runner (80) moving along with the movable element (50) is not inclined and is not twisted in respect of the outer rail (20). <IMAGE>

IPC 1-7

A47H 5/02

IPC 8 full level

A47H 5/02 (2006.01); **A47H 5/032** (2006.01); **H02K 41/035** (2006.01)

CPC (source: EP)

A47H 5/02 (2013.01); **A47H 5/0325** (2013.01); **A47H 2201/01** (2013.01)

Cited by

GB2342031A

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0807393 A2 19971119; **EP 0807393 A3 19980401**; JP 3180670 B2 20010625; JP H09299226 A 19971125

DOCDB simple family (application)

EP 97107884 A 19970514; JP 14797696 A 19960517