

Title (en)
Sliding gate.

Title (de)
Schiebetor.

Title (fr)
Portail coulissant.

Publication
EP 0631031 A2 19941228 (DE)

Application
EP 94109826 A 19940624

Priority
DE 4321223 A 19930625

Abstract (en)
Sliding door (gate) (1) which is guided, such that it can be moved back and forth in the displacement direction, by means of a stationary drive-motor unit which exhibits an output pinion (2) which engages in a meshing manner into a rack formation which is retained on the door leaf or base member and comprises a series of rack segments which are inserted one after the other into a retaining rail (4), running in the displacement direction of the door leaf and secured thereon, which are fixed in their pitch sequence, and which, for the purpose of protecting against the occurrence of wear caused by impact, can be displaced in a rail (4) at both ends via buffer elements (19) against the elastic deformation thereof.

Abstract (de)
Schiebetor (1), das im Verschieberichtung hin- und hergehend bewegbar mittels eines ortsfest angeordneten Antriebsmotoraggregates geführt ist, welches ein Abtriebsritzel (2) aufweist, das in eine an dem Torblatt bzw. Sockelbalken gehaltene Zahnstangenausbildung aus einer Reihe von aufeinanderfolgend in eine in Verschieberichtung des Torblattes verlaufende, an diesem festgelegte Halteschiene (4) eingesetzten, in ihrer zahnteilungsgerechten Aufeinanderfolge untereinander fixierten Zahnstangensegmenten kämmend eingreift, die zum Zwecke des Schutzes vor stoßbedingten Verschleißerscheinungen beidseitig über Pufferelemente (19) gegen deren elastische Verformung in der Schiene (4) verschiebbar sind.

IPC 1-7
E06B 11/02; **E05F 15/14**

IPC 8 full level
E05F 15/635 (2015.01); **E06B 11/02** (2006.01); **E06B 11/04** (2006.01)

CPC (source: EP US)
E05F 15/635 (2015.01 - EP US); **E06B 11/045** (2013.01 - EP US); **E05Y 2201/434** (2013.01 - EP); **E05Y 2201/722** (2013.01 - EP US); **E05Y 2600/452** (2013.01 - EP); **E05Y 2800/205** (2013.01 - EP); **E05Y 2900/40** (2013.01 - EP)

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EP1048813A1; FR2841288A1; EP1245772A1; CN110847740A; ITNA20100041A1; CN111902599A; US2018363356A1; US10676978B2; CZ300353B6; CN108086845A; EP0983820A3; ITPD20120395A1; ITUB20154713A1; WO2014097211A1

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