Title (en)
MECHANISM FOR LOCKING A SLIDING DOOR

Title (de)
VORRICHTUNG ZUR VERRIEGELUNG EINER SCHIEBETÜR

Title (fr)
DISPOSITIF DE VERROUILLAGE D'UNE PORTE COULISSANTE

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Application
EP 07724619 A 20070426

Priority
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Abstract (en)
[origin: WO2007124916A2] Disclosed is a mechanism for locking a sliding door (1), especially a glass sliding door, which is guided within a sliding guide (S), in the closed position thereof, said sliding door being movable from the closed position into an open position along a stop (10'). The inventive mechanism comprises a permanent magnet (11) as well as a locking element (7) which is fastened to the sliding door (1) on the side of the stop (10') and is made at least in part of a magnetic material. The locking element (7) is provided with a locking member (8; 16) which is movable between a locked and an unlocked position and is preloaded in the locked position without the influence of the permanent magnet (11). In the locked position, the locking member (8; 16) protrudes from the sliding door (1) by a distance that is greater than the space (a) between the sliding door (1) and the stop (10'), thus preventing the closed sliding door (1) from being opened. The permanent magnet (11) cooperates with the locking element (7) in such a way that the locking member (8; 16) is moved into the unlocked position and is retained therein when the permanent magnet (11) is placed on the side of the sliding door (1) lying opposite the locking element (7).

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