

Title (en)
SLIDING DOOR SYSTEM

Title (de)
SCHIEBETÜRSYSTEM

Title (fr)
SYSTÈME DE PORTE COULISSANTE

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Application
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Abstract (en)
[origin: WO2008122348A1] The invention relates to a sliding door system disposed on at least one side of an opening of a building, comprising at least one sliding door wing (2) that can be displaced in a linear manner in two linear guides (8a, 8b) that are parallel to the guide profiles (10a, 10b) having C-/U-N-/L-shape. One arm of the guide profile (10a) of one of the two linear guides (8a) supports the weight of the sliding door wing (2). The invention is characterised in that one arm of the guide profile (10b) of the other linear guide (8b) also supports the weight of the sliding door wing (2). The guide profile (10a, 10b) is mounted on the guide bar (9a, 9b) by means of a high-duty ball circuit bearing, roller guide or sliding guide. Also, double linear system supports all loads for example, weight and drive and tilting moments. Due to the compact structure, the transport costs and mounting work on the construction area of the sliding door system are kept to a minimum, enabling the complete sliding door system to be premounted or preadjusted on the workplace. Additionally, the door leaf has an essentially higher stability at least counter to the exerted load in the depth direction (opening direction) and as a result has a higher service life.

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Citation (search report)
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