

Title (en)  
A SLIDING DOOR ASSEMBLY

Publication  
**EP 0128503 B1 19880921 (EN)**

Application  
**EP 84106393 A 19840605**

Priority  
IT 2159683 A 19830613

Abstract (en)  
[origin: EP0128503A1] A vertical sliding cantilever extending door assembly (10) comprises a door element (16) movable between an extended and a retracted condition with respect to fixed guides (26, 28); an upper and a lower pulley (24, 25) carried on the door element; and elongate flexible means (30), generally steel band, having an upper end fastened to the inner end of the upper guide and wound around an upper and a front portion of the upper pulley; said band being extended from one to the other pulley, wound on an inner and lower portion of the lower pulley, and having the other end fastened to the exterior end of the lower guide; a vertical median plane through the band and pulleys is coincident with a vertical plane through the center of gravity of the door; so that the pulleys, the guides and the band operate to guide, support and retain the door.

IPC 1-7  
**E05D 15/58**; **E06B 3/50**

IPC 8 full level  
**E05D 15/58** (2006.01); **E06B 3/50** (2006.01)

CPC (source: EP)  
**E05D 15/58** (2013.01); **E06B 3/5045** (2013.01); **E05Y 2201/62** (2013.01); **E05Y 2201/654** (2013.01); **E05Y 2900/14** (2013.01)

Cited by  
DE19709461C2; CN113511239A; EP1394349A1

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**EP 0128503 A1 19841219**; **EP 0128503 B1 19880921**; AT E37419 T1 19881015; DE 3474183 D1 19881027; IT 1171683 B 19870610; IT 8321596 A0 19830613

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