

Title (en)
Fire retardant and smoke-tight sliding door

Title (de)
Feuerhemmende, rauchdichte Schiebetür

Title (fr)
Porte coulissante ignifugée et étanche à la fumée

Publication
EP 1359276 B1 20090422 (DE)

Application
EP 03009520 A 20030428

Priority
DE 20206749 U 20020429

Abstract (en)
[origin: US2004025455A1] A fire-resistant smoke-tight sliding door is provided which has at least one door leaf (1), which can be moved in a plane. The leaf (1) is made of fire-resistant glass and is accommodated in a frame (2). The door includes a conveying device, wherein the conveying device (3) has at least one track profile (4) mounted rigidly on a wall and at least one carrying element (5) connected to the frame (2). The carrying element (5) has at least one axle (6) with a conveying roller (7) mounted rotatably thereon with a said running surface (8) made of plastic. The conveying roller (7) has a core (9) made of a fire-resistant material.

IPC 8 full level
E05D 15/06 (2006.01); **E06B 5/16** (2006.01); **E06B 7/16** (2006.01)

CPC (source: EP US)
E05D 15/063 (2013.01 - EP US); **E05D 15/0656** (2013.01 - EP US); **E06B 5/16** (2013.01 - EP US); **E06B 5/164** (2013.01 - EP US); **E05Y 2201/688** (2013.01 - EP US); **E05Y 2800/416** (2013.01 - EP US); **E05Y 2900/134** (2013.01 - EP US)

Cited by
DE102016210691A1; DE102016210692A1; US8443574B2; WO2010042098A1; WO2010042099A1; WO2017216011A1

Designated contracting state (EPC)
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