

Title (en)
Boom-operated "up-and-over" door mechanism.

Title (de)
Antriebsvorrichtung für ein Kipptor.

Title (fr)
Mécanisme d'actionnement pour porte basculante.

Publication
EP 0315383 A1 19890510 (EN)

Application
EP 88310167 A 19881028

Priority
GB 8725583 A 19871031

Abstract (en)
A boom-operated mechanism, suitable for driving up-and-over doors of the canopy and non-protruding types, comprises an elongated straight track (13;43) for mounting in a generally horizontal position extending rearwardly from the top (7) of the doorway, a carriage (14) mounted upon said track, drive means to move said carriage along said track, a link (19;39), rigidly attached to said carriage (14) and adapted for pivotal attachment (22; 45,46) to a point adjacent to the upper edge of a door (4;30) and a pair of guide tracks (10,11; 33,34), adapted for mounting in a generally vertical position at the sides (5,6) of the doorway and to engage rollers located on the respective sides of a door, said guide tracks being curved rearwardly in a region adjacent to their upper sides (29,30; 35,360).

IPC 1-7
E05D 15/44; **E05F 15/10**

IPC 8 full level
E05F 15/16 (2006.01)

CPC (source: EP US)
E05D 15/445 (2013.01 - EP US); **E05F 15/673** (2015.01 - EP US); **E05Y 2201/624** (2013.01 - EP); **E05Y 2900/106** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
BE DE ES FR GB NL

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EP 0315383 A1 19890510; GB 2211888 A 19890712; GB 2211888 B 19911106; GB 8725583 D0 19871202; GB 8825309 D0 19881130

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