

Title (en)

Device for opening and closing a tipping door.

Title (de)

Vorrichtung zum Öffnen und Schliessen von Kipptoren.

Title (fr)

Dispositif pour ouvrir et fermer une porte basculante.

Publication

**EP 0518099 B1 19950712 (DE)**

Application

**EP 92108632 A 19920521**

Priority

DE 9107110 U 19910610

Abstract (en)

[origin: EP0518099A1] A device for opening up-and-over doors, to be precise especially so-called non-swingout up-and-over doors, has a lever arrangement (40) consisting of essentially three levers (42, 46, 52). One lever is fastened to the door leaf (1) and is connected to a lever (52) of variable length which is at an acute angle (101) to the door leaf (1). The third lever (42) connects the end points of the other two levers to one another. A pull device (38, 72) connected to the slide (11) of a conventional door drive engages on the lever (52) of variable length. The arrangement ensures that a torque is exerted on the door leaf (1) at the start of the opening stroke, said torque first making it possible for the door leaf to open automatically. <IMAGE>

IPC 1-7

**E05F 15/16**

IPC 8 full level

**E05F 15/684** (2015.01)

CPC (source: EP)

**E05F 15/684** (2015.01); **E05Y 2201/646** (2013.01); **E05Y 2800/00** (2013.01); **E05Y 2900/106** (2013.01)

Cited by

DE10209914B4; EP3421706A1; DE4423087A1

Designated contracting state (EPC)

ES FR GB IT

DOCDB simple family (publication)

**EP 0518099 A1 19921216**; **EP 0518099 B1 19950712**; DE 9107110 U1 19921008

DOCDB simple family (application)

**EP 92108632 A 19920521**; DE 9107110 U 19910610