

Title (en)
DOOR SYSTEM

Title (de)
TORSYSTEM

Title (fr)
SYSTÈME DE PORTE

Publication
EP 3658734 B1 20220601 (DE)

Application
EP 18750367 A 20180726

Priority
• DE 102017007097 A 20170728
• EP 2018070305 W 20180726

Abstract (en)
[origin: WO2019020753A1] The invention relates to a door system (1) comprising a door (2) and two lateral guide elements (4, 5), wherein the door (2) comprises multiple slat elements (6) which are connected to one another and can be detached from one another, and which are arranged orthogonal to the guide elements (4, 5) and can be guided in the guide elements (4, 5), and a drive device (8) is provided for opening and/or closing the door (2), wherein the door (2) can be lowered and/or raised for opening and/or closing and can be lowered into a box (9) for opening, and the individual slat elements (6) are arranged next to one another inside the box (9) in an open state of the door (2). The drive device (8) is a cable pulley system (10) which can be driven by a horizontal drive spindle (11) and wherein a cable (12) of this pulley system (10) is connected to at least one slat element (6) in the vertical direction (V).

IPC 8 full level
E06B 3/48 (2006.01); **E06B 9/06** (2006.01)

CPC (source: EP US)
E05F 15/673 (2015.01 - EP US); **E05F 15/686** (2015.01 - EP US); **E06B 3/48** (2013.01 - EP US); **E06B 9/0638** (2013.01 - EP US); **E06B 9/0676** (2013.01 - EP US); **E05Y 2900/106** (2013.01 - EP US); **E05Y 2900/11** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2019020753 A1 20190131; CN 111051641 A 20200421; DE 102017007097 A1 20190131; DE 202018006347 U1 20200205; EP 3658734 A1 20200603; EP 3658734 B1 20220601; US 2020199931 A1 20200625

DOCDB simple family (application)
EP 2018070305 W 20180726; CN 201880053419 A 20180726; DE 102017007097 A 20170728; DE 202018006347 U 20180726; EP 18750367 A 20180726; US 201816634736 A 20180726