

Title (en)

Device for at least partial closing of a room opening

Title (de)

Vorrichtung zum zumindest teilweisen Verschließen einer Öffnung eines Raumes

Title (fr)

Dispositif de fermeture au moins partielle d'une ouverture de pièce

Publication

EP 2460966 A3 20131120 (DE)

Application

EP 11191971 A 20111205

Priority

DE 102010062449 A 20101206

Abstract (en)

[origin: EP2460966A2] The device (1) has a closing element (3) e.g. accident barrier, sealingly placed on an opening bottom (2.1) and vertically movable guided in guides (4) between an open position in a upper area of an opening (2) of a room and a closed position on the bottom. The closing element is connected to a counterweight (5) and held motionless in the positions by the counterweight without additional force acting on the closing element. The closing element is coupled to a pneumatic, hydraulic, and/or motor drive unit (8) to move the closing element. The drive unit is coupled with drive energy storage (9).

IPC 8 full level

E05D 13/00 (2006.01); **E06B 9/00** (2006.01)

CPC (source: EP US)

E05D 13/14 (2013.01 - EP US); **E06B 9/04** (2013.01 - EP US); **E06B 2009/007** (2013.01 - EP US)

Citation (search report)

- [X] GB 2283055 A 19950426 - PONTING ENGINEERING LTD [GB], et al
- [X] US 2008009234 A1 20080110 - DECASTRO EUGENE A [US], et al
- [ID] EP 0949398 B1 20031217 - ADOLF SEUSTER GMBH CO KG [DE]
- [ID] DE 4024467 A1 19920206 - ABS SICHERUNGSTECHNIK GMBH [DE]
- [E] DE 102010062452 A1 20120606 - THOMAS WERNER [DE]
- [A] US 2010024992 A1 20100204 - CLONINGER JAMES N [US], et al

Cited by

US10407969B2; WO2016015615A1; US11519553B2; EP3500424B1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2460966 A2 20120606; **EP 2460966 A3 20131120**; DE 102010062449 A1 20120606; US 2012137584 A1 20120607; US 8671622 B2 20140318

DOCDB simple family (application)

EP 11191971 A 20111205; DE 102010062449 A 20101206; US 201113312070 A 20111206