

Title (en)

A foot operated door opening device

Title (de)

Mit dem Fuß zu betätigende Türöffnungsvorrichtung

Title (fr)

Dispositif d'ouverture de porte à commande au pied

Publication

**EP 2860479 A2 20150415 (EN)**

Application

**EP 14187875 A 20141007**

Priority

DK PA201370567 A 20131009

Abstract (en)

The invention relates to a foot operated door opening device and a cabinet including such a device. The device comprises a base unit mounted to the cabinet and pivotal coupled to a first and second element. The first element extends out from the cabinet door and is operated by the foot of a user. The second element is positioned between the front end and the door and pushes the door to an open position, when force is applied to the first element. The first and second elements are coupled together via safety mechanism which disengages the coupling. The second element is made of a material having a predetermined elasticity which allows it to apply a swiping movement on the door. This allows the door to be pushed further away from the front end and thereby providing easier access to the chamber. The safety mechanism protects the device in event of an overload by disengaging the coupling so that no force is transferred to the second element.

IPC 8 full level

**F25D 23/02** (2006.01); **E05B 17/00** (2006.01)

CPC (source: EP)

**E05B 17/0033** (2013.01); **E05B 17/0058** (2013.01); **E05B 53/001** (2013.01); **F25D 23/028** (2013.01)

Citation (examination)

US 2007006692 A1 20070111 - PHAN CHRISTOPHER U [US]

Cited by

JP2019143957A; EP3540162A1; DE102015006213A1; EP3914794A4

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 2860479 A2 20150415**; **EP 2860479 A3 20150617**; DK 178071 B1 20150427; DK 201370567 A1 20150420

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