

Title (en)

Floor door closer

Title (de)

Bodentürschliesser

Title (fr)

Ferme-porte encastré dans le sol

Publication

**EP 3029253 A1 20160608 (EN)**

Application

**EP 14196670 A 20141205**

Priority

EP 14196670 A 20141205

Abstract (en)

The invention regards a floor spring (1), comprising a housing (2), a first piston (3), a second piston (4), and a spindle (5) including a cam surface (6) and extending through an opening (7) of the housing (2), wherein the spindle (5) is connected to the first piston (3) and the second piston (4) via a cam drive, wherein the cam drive allows a translation of a longitudinal movement of the first piston (3) and/or second piston (4) into a rotational movement of the spindle (5).

IPC 8 full level

**E05F 3/10** (2006.01)

CPC (source: CN EP)

**E05F 1/10** (2013.01 - CN); **E05F 3/104** (2013.01 - EP); **E05Y 2800/22** (2013.01 - EP)

Citation (search report)

- [X] EP 2186982 A2 20100519 - DORMA GMBH & CO KG [DE]
- [X] EP 1895086 A2 20080305 - ABLOY OY [FI]

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 3029253 A1 20160608**; CN 105672797 A 20160615

DOCDB simple family (application)

**EP 14196670 A 20141205**; CN 201510872589 A 20151202