

Title (en)
Door actuator

Title (de)
Türbetätiger

Title (fr)
Actionnement de porte

Publication
EP 2206866 A3 20140326 (DE)

Application
EP 10000054 A 20100107

Priority
DE 102009004509 A 20090109

Abstract (en)
[origin: EP2206866A2] A door operator (1) comprises a structural member made from plastic, where the plastic is made of flame-resistant and self-extinguishing plastic material. The door operator is configured as a mechanical door closer or as an electrically operated door drive.

IPC 8 full level
E05F 1/00 (2006.01); **E05F 15/12** (2006.01); **E05F 15/20** (2006.01)

CPC (source: EP US)
E05F 1/006 (2013.01 - EP US); **E05F 15/611** (2015.01 - EP US); **E05F 15/72** (2015.01 - EP US); **E05Y 2900/132** (2013.01 - EP US)

Citation (search report)

- [Y] WO 2004035977 A1 20040429 - DORMA GMBH & CO KG [DE], et al
- [Y] US 4193945 A 19800318 - BERTELLI GUIDO [IT], et al

Cited by
US2023279714A1

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2206866 A2 20100714; EP 2206866 A3 20140326; DE 102009004509 A1 20100715; US 2010175326 A1 20100715

DOCDB simple family (application)
EP 10000054 A 20100107; DE 102009004509 A 20090109; US 68456810 A 20100108