

Title (en)
Door construction

Title (de)
Torkonstruktion

Title (fr)
Structure de porte

Publication
EP 2476838 A3 20140108 (DE)

Application
EP 12150905 A 20120112

Priority
DE 202011001511 U 20110114

Abstract (en)
[origin: EP2476838A2] The door structure (10) has a door leaf (14) guided by a door leaf guide (12). The door leaf is formed such that it is impinged by a wire rope (16) in an open position. The wire rope is arranged in pulley block-shaped manner. The pressure impingement of the door leaf in an opening direction is obtained by a gas pressure spring (18) arranged on the wire rope. The movement of the door leaf in the opening direction generates a spring movement of the gas pressure spring.

IPC 8 full level
E05D 13/00 (2006.01); **E05D 15/10** (2006.01)

CPC (source: EP)
E05D 13/1238 (2013.01); **E05D 15/38** (2013.01); **E05Y 2201/478** (2013.01); **E05Y 2201/67** (2013.01); **E05Y 2900/106** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [Xl] US 2009178339 A1 20090716 - KICHER PAUL T [US], et al
- [Xl] GB 2178793 A 19870218 - CATNIC COMPONENTS LTD

Cited by
EP3249143A1; EP3346081A1; JP2013133643A

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)
DE 202011001511 U1 20110428; EP 2476838 A2 20120718; EP 2476838 A3 20140108; EP 2476838 A8 20120926; EP 2476838 B1 20220105

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DE 202011001511 U 20110114; EP 12150905 A 20120112