

Title (en)
Steel door.

Title (de)
Stahltür.

Title (fr)
Porte en acier.

Publication
EP 0460445 A1 19911211 (DE)

Application
EP 91108098 A 19910517

Priority
DE 9006390 U 19900606

Abstract (en)
Steel door whose door leaf (7) is fixed swivellably on a frame member (1) by means of flap hinges (2), in particular flap hinges which in each case consist of a central hinge region (3) fastened on the door leaf side and of two hinge regions (5) fastened on the frame side which are arranged on both sides of the central hinge region (3). The door is designed or fitted on the hinge side in such a way that for the purpose of providing a smooth surface for the broad sides (8) of the door leaf (7) the frame member (1) receiving the flap hinges (2) is recessed in the swing-region of the hinge regions fastened on the door leaf side. <IMAGE>

Abstract (de)
Stahltür, deren Torblatt (7) mittels Scharnierbändern (2) - insbesondere jeweils aus einem mittleren, türblattseitig befestigten Bandbereich (3) und zwei beidseitig des mittleren Bandbereiches (3) angeordneten zargenseitig befestigten Bandbereichen (5) - an einem Zargenholm (1) schwenkbar festgelegt ist, die zur glattflächigen Ausbildung der Breitseiten (8) des Türblattes (7) so ausgebildet bzw. bandseitig angeschlagen ist, daß der die Scharnierbänder (2) aufnehmende Zargenholm (1) im Einschwenkbereich der türblattseitig befestigten Bandbereiche ausgespart ausgebildet ist. <IMAGE>

IPC 1-7
E05D 5/06; **E06B 1/12**; **E06B 1/52**

IPC 8 full level
E05D 5/06 (2006.01); **E06B 1/12** (2006.01); **E06B 1/52** (2006.01)

CPC (source: EP)
E05D 5/06 (2013.01); **E06B 1/12** (2013.01); **E06B 1/52** (2013.01); **E05D 2003/027** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)
• [X] GB 2051191 A 19810114 - KEYSAN LTD
• [X] DE 2201546 A1 19730719 - PUCHTLER FRIEDRICH [DE]
• [X] GB 594782 A 19471119 - DIEBOLD INC
• [A] CH 360616 A 19620228 - ARNOLD HANS [CH]
• [A] FR 743106 A 19330323
• [A] US 3566539 A 19710302 - RIDGLEY HERB B

Cited by
DE202013100800U1; DE102014102032A1; DE102006018821B4; DE202005010837U1; DE102014102032B4

Designated contracting state (EPC)
DE ES FR IT

DOCDB simple family (publication)
EP 0460445 A1 19911211; **EP 0460445 B1 19950125**; DE 59104368 D1 19950309; DE 9006390 U1 19911010; ES 2067087 T3 19950316

DOCDB simple family (application)
EP 91108098 A 19910517; DE 59104368 T 19910517; DE 9006390 U 19900606; ES 91108098 T 19910517