

Title (en)
SHEET-STEEL DOOR

Title (de)
STAHLBLECHTÜR

Title (fr)
PORTE EN TOLE D'ACIER

Publication
EP 0733149 B1 19991103 (DE)

Application
EP 95928992 A 19950828

Priority
• DE 9501144 W 19950828
• DE 9414135 U 19940901

Abstract (en)
[origin: WO9607004A1] A sheet-steel door, especially a fire-door, with a box structure (1) forming one large face of the door leaf and a cover (2) forming the other large side which is secured at its edge regions (3) to outwardly projecting strips (4) in the box-section edges parallel to the plane of the large faces, in which an edge section of the edge regions (3) of the cover (2) or of the edge strips of the box-section edges to form the contact region of a fold (7) is angled towards the box section (1) and extends over the connecting region (5). Said sheet-steel door is designed for substantially easier handling and a better joint between the box section and the cover in that the edge section (6) has a first bend forming a web (8), the width of which determines the top of the fold, and a second bend forming the contact region (9) which projects over the connecting region (5) at a distance of about the web width.

IPC 1-7
E06B 3/82; **E06B 5/16**

IPC 8 full level
E06B 3/82 (2006.01); **E06B 5/16** (2006.01)

CPC (source: EP)
E06B 3/827 (2013.01); **E06B 5/16** (2013.01)

Cited by
DE102005040106A1; DE102005040106B4; WO0208557A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 9607004 A1 19960307; AT E186369 T1 19991115; CZ 110896 A3 19960911; CZ 289232 B6 20011212; DE 59507185 D1 19991209; DE 9414135 U1 19960104; DK 0733149 T3 20000103; EP 0733149 A1 19960925; EP 0733149 B1 19991103; ES 2137537 T3 19991216; HU 219106 B 20010228; HU T74420 A 19961230; PL 314129 A1 19960819; PL 58562 Y1 20010430

DOCDB simple family (application)
DE 9501144 W 19950828; AT 95928992 T 19950828; CZ 110896 A 19950828; DE 59507185 T 19950828; DE 9414135 U 19940901; DK 95928992 T 19950828; EP 95928992 A 19950828; ES 95928992 T 19950828; HU 9601152 A 19950828; PL 11046995 U 19950828; PL 31412995 A 19950828