

Title (en)

INTEGRAL ARMOUR-CLAD, BULLET-PROOF, DOUBLE-SHIELD CLOSURE MEANS SUCH AS A DOOR, WINDOW, SHOP-WINDOW AND THE LIKE, OF ALUMINIUM ALLOY

Publication

EP 0283549 B1 19910102 (EN)

Application

EP 87108371 A 19870610

Priority

IT 1972387 A 19870317

Abstract (en)

[origin: EP0283549A2] Armour-clad, bullet-proof closure means such as a door, window, window-glass and the like ("closure means") integrally made from a small set of extruded structural shapes (1,2,7,9) of aluminum alloy, of substantially quadrangular and hollow shape, arranged relatively to each other so to form two frames opposite to each other, joint-coupled with each other by means of blocks or continuous bars (4,4a,8,8a) suitable to be inserted inside seats provided on the mating faces of the said frames and so dimensioned, as to form both the frame constituting the door or window jamb, and the glass-holding frame of a door or window of the leaf type or fixed, the structural shapes (1,7) forming the frame destined to remain inside the room being made of an aluminum alloy of the traditional type for aluminium door and window jambs and frames, whilst the structural shapes (2,9) forming the frame destined to remain outside the room are made of an aluminum alloy endowed with a very high mechanical strength and high toughness.

IPC 1-7

E06B 5/10

IPC 8 full level

E06B 5/10 (2006.01)

CPC (source: EP)

E06B 5/106 (2013.01)

Cited by

CN112943057A

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR LI LU NL SE

DOCDB simple family (publication)

EP 0283549 A2 19880928; EP 0283549 A3 19890426; EP 0283549 B1 19910102; AT E59691 T1 19910115; DE 3766955 D1 19910207; ES 2020226 B3 19910801; IT 1215385 B 19900208; IT 8719723 A0 19870317

DOCDB simple family (application)

EP 87108371 A 19870610; AT 87108371 T 19870610; DE 3766955 T 19870610; ES 87108371 T 19870610; IT 1972387 A 19870317