

Title (en)

Wood simulating shape of an aluminium profile section

Title (de)

Eine Holz simulierende Form des Querprofils eines Aluminiumprofils

Title (fr)

Adaptation de la forme de la section d'un profilé d'aluminium pour simuler le bois

Publication

**EP 1503024 A1 20050202 (EN)**

Application

**EP 03425523 A 20030731**

Priority

EP 03425523 A 20030731

Abstract (en)

The present invention concerns a series of extruded section in aluminum for windows and door frames that near by improved mechanical performances they simulate in realistic way the wood effect. <??>This is due to the act that on one of the two wings (arms) that extend outwards from the shorter upper side of the hollow quadrangular body, which is a part of the section itself, grooves and folds have been created to give a bas and high relief effect, thus simulating a moulded wood effect; each of the upper sides of the hollow quadrangular body can have a convex (sections A and C), concave (section B) or rectilinear (section D) shape and the two wings (arms) that emerge from one of the upper sides of the hollow quadrangular body follow the same concave, convex or rectilinear form until, towards the extremity, they curve downwards until they run parallel to the longer side of the section; the hollow quadrangular body can be of larger dimensions than the amount given by the portion included between the distancing teeth inside the hollow body and its shorter upper side (sections A, C and D); therefore the part of the section would have greater height in order to simulate the effect of the depth of the wood and consequently increased mechanical inertia. <IMAGE>

IPC 1-7

**E06B 3/30**

IPC 8 full level

**E06B 3/30** (2006.01)

CPC (source: EP)

**E06B 3/30** (2013.01)

Citation (search report)

- [X] EP 0795358 A2 19970917 - METRA METALL TRAFILATI ALLUMIN [IT]
- [A] DE 4317041 A1 19941124 - ALUMINIUM UND METALLGIESEREI H [DE]
- [A] EP 0476978 A1 19920325 - DURAFLEX LTD [GB]
- [A] GB 2272935 A 19940601 - COMPOSITE PLASTIC SYSTEMS LIM [GB]

Cited by

CN108188194A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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