

Title (en)
HOLLOW CHAMBER PROFILE MADE OF PLASTIC

Title (de)
HOHLKAMMERPROFIL AUS THERMOPLASTISCHEM KUNSTSTOFF

Title (fr)
PROFILE CREUX EN THERMOPLASTIQUE

Publication
EP 1812675 A1 20070801 (DE)

Application
EP 05811016 A 20051109

Priority
• EP 2005055864 W 20051109
• DE 102004000039 A 20041110

Abstract (en)
[origin: WO2006051084A1] The inventive coloured hollow profiles, such as window profiles made of thermoplastic plastic which are exposed to direct sunlight, are heated under unfavourable conditions to such an extent that the profiles become deformed. The inventive hollow profile made of thermoplastic material has an outer side and an inner side and at least one hollow chamber which is adjacent to the outer side, whereby the wall of the hollow chamber which is adjacent to the outer side of hollow chamber profile is made of a first thermoplastic A and at least one other wall of the hollow chamber profile is made of a different thermoplastic B. The thermoplastic A has a Vicat softening temperature, which is measured according to DIN EN ISO 306 (B50), which is greater than at least 5 K in relation to the thermoplastic B. The inventive hollow chamber profiles are used, in particular, in the production of dark-coloured windows and doors.

IPC 8 full level
E06B 3/22 (2006.01)

CPC (source: EP)
E06B 3/22 (2013.01)

Citation (search report)
See references of WO 2006051084A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006051084 A1 20060518; AT E410581 T1 20081015; DE 502005005653 D1 20081120; EP 1812675 A1 20070801; EP 1812675 B1 20081008; ES 2315929 T3 20090401

DOCDB simple family (application)
EP 2005055864 W 20051109; AT 05811016 T 20051109; DE 502005005653 T 20051109; EP 05811016 A 20051109; ES 05811016 T 20051109