

Title (en)
HOLLOW PLASTIC SECTION

Title (de)
KUNSTSTOFFHOHLPROFIL

Title (fr)
PROFILE CREUX EN MATIERE PLASTIQUE

Publication
EP 1196677 B2 20100811 (DE)

Application
EP 00956175 A 20000712

Priority
• DE 19933099 A 19990715
• DE 29912375 U 19990715
• EP 0006636 W 20000712

Abstract (en)
[origin: US2002059759A1] A hollow plastic section, includes a frame section defining a longitudinal axis and having an interior subdivided in several inner chambers by a plurality of partition walls extending in a direction of the longitudinal axis, Received in the interior is a plurality of stiffening elements arranged separate from one another, without interconnection, for realizing a reinforcement of the frame section. The stiffening elements may be made of metal or may be configured as bands or strips of fiber-reinforced plastic.

IPC 8 full level
E06B 3/22 (2006.01); **B32B 3/10** (2006.01); **E06B 3/26** (2006.01); **E06B 3/263** (2006.01); **E06B 7/14** (2006.01); **E06B 7/23** (2006.01)

CPC (source: EP US)
E06B 3/221 (2013.01 - EP US); **E06B 3/222** (2013.01 - EP US); **E06B 7/14** (2013.01 - EP US); **E06B 7/2305** (2013.01 - EP US); **E06B 2003/224** (2013.01 - EP US); **E06B 2003/225** (2013.01 - EP US); **E06B 2003/228** (2013.01 - EP US); **E06B 2003/26323** (2013.01 - EP US); **E06B 2003/26327** (2013.01 - EP US); **Y10S 49/02** (2013.01 - EP US)

Citation (opposition)
Opponent :
• DE 29912375 U1 19990909 - SCHUECO INT KG [DE]
• DE 7837319 U1 19790405

Cited by
CN102383693A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated extension state (EPC)
LT LV

DOCDB simple family (publication)
US 2002059759 A1 20020523; US 6920726 B2 20050726; AT E331114 T1 20060715; CA 2377862 A1 20010125; CN 1207480 C 20050622; CN 1361846 A 20020731; DE 50013057 D1 20060803; EA 003881 B1 20031030; EA 200200133 A1 20020627; EE 200200004 A 20030217; EP 1196677 A1 20020417; EP 1196677 B1 20060621; EP 1196677 B2 20100811; HK 1047152 A1 20030207; HU P0201964 A2 20021028; JP 2003505621 A 20030212; NO 20020178 D0 20020114; NO 20020178 L 20020114; PL 352939 A1 20030922; SK 392002 A3 20021008; WO 0106079 A1 20010125

DOCDB simple family (application)
US 4178902 A 20020108; AT 00956175 T 20000712; CA 2377862 A 20000712; CN 00810540 A 20000712; DE 50013057 T 20000712; EA 200200133 A 20000712; EE P200200004 A 20000712; EP 0006636 W 20000712; EP 00956175 A 20000712; HK 02108629 A 20021129; HU P0201964 A 20000712; JP 2001511278 A 20000712; NO 20020178 A 20020114; PL 35293900 A 20000712; SK 392002 A 20000712