

Title (en)

METAL SECTION FOR REINFORCING PLASTICS HOLLOW SECTIONS, PLASTICS HOLLOW SECTIONS REINFORCED BY SUCH A METAL SECTION AND A FRAME WHICH IS MADE OF A PLASTICS HOLLOW SECTION THUS REINFORCED

Publication

**EP 0077412 B1 19850911 (DE)**

Application

**EP 81108517 A 19811019**

Priority

EP 81108517 A 19811019

Abstract (en)

[origin: EP0077412A1] 1. Metal section for reinforcing plastics hollow sections, having at least one stiffening bead formed in at least one of its longitudinal walls, oriented parallel to the longitudinal axis of the section protruding in the direction of the interior of the hollow metal section and being open to the outside thereof and having a length which is at least substantially equal to the length of the hollow metal section, characterized in that the stiffening bead (9; 10) as measured from the outside has a depth of at least four times, especially at least six times the thickness of the sheet metal gage of the section, and in that said section is made to such a dimension that it contacts the hollow plastics section when mounted in said hollow plastics section under spring elastic deformation of said stiffening bead.

IPC 1-7

**E06B 3/22**; E06B 3/26

IPC 8 full level

**E06B 3/22** (2006.01)

CPC (source: EP)

**E06B 3/222** (2013.01); **E06B 2003/225** (2013.01)

Cited by

DE4322829C1; EP0156108A3; PL126649U1; EP1693546A1; US5974758A; GB2291914A; GB2291914B; GB2302106A; GB2302106B; EP0742336A1; GB2301611A; EP1857627A1; DE102019131361A1; EP4421279A1; WO2021099380A1; EP2642059B1

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

**EP 0077412 A1 19830427**; **EP 0077412 B1 19850911**; DE 3172248 D1 19851017

DOCDB simple family (application)

**EP 81108517 A 19811019**; DE 3172248 T 19811019