

Title (en)

ARRANGEMENT FOR CLAMPING THE EDGES OF GLASS PANES, IN PARTICULAR AT THE CONSTRUCTION OF GREENHOUSES

Publication

**EP 0092078 B1 19870128 (DE)**

Application

**EP 83103158 A 19830330**

Priority

DE 3213981 A 19820416

Abstract (en)

[origin: EP0092078A2] 1. A device (3, 3', 3", 3''') for clamping the edges of surface elements (2, 2', 2", 2'''), preferably panes of glass for building greenhouses, winter gardens or other glazed building structures, comprising at least one first shaped element (4, 4', 4", 4''') which is of substantially T-shaped cross-section and in which the crossbar of the T-shape is in the form of clamping limbs (14, 14') for holding the surface elements and the upright of the T-shape is formed as a fixing limb (13, 13', 13'') extending over the end face of the respective surface element (2, 2', 2", 2''') and having a sawtooth retaining means (16), and a second shaped element (5, 5', 5", 5''') which is formed as a shaped cover member having an internal opening and having further clamping limbs (18) which in the position of use are in opposite relationship to the clamping limbs (14, 14') of the first shaped element (4, 4', 4", 4'''), and having fixing elements (17, 17', 17'', 17''') for fixing to the sawtooth retaining means (16) of the first shaped element (4, 4', 4", 4''') wherein the first shaped element is formed by an outer shaped plastics member (11, 11', 11'', 11''') which is of T-shaped cross-section and an inner shaped metal member (6, 6', 6'', 6''') which is also of substantially T-shaped cross-section, characterised in that the shaped plastics member (11, 11', 11'', 11''') is formed as a member of a hollow box configuration in the head region (12) of the T-shape and which encloses a cavity, and the shaped metal member (6, 6', 6'', 6''') which is disposed therein is formed as a rolled sheet metal member which is hollow or has an internal opening in the head region (7, 7') of the T-shape.

IPC 1-7

**E04D 3/14**; **A01G 9/14**

IPC 8 full level

**A01G 9/14** (2006.01); **E04D 3/08** (2006.01); **E04D 3/14** (2006.01)

CPC (source: EP US)

**E04D 3/08** (2013.01 - EP US); **E04D 3/14** (2013.01 - EP); **E04D 2001/308** (2013.01 - EP US); **E04D 2003/0825** (2013.01 - EP); **E04D 2003/0831** (2013.01 - EP); **E04D 2003/0843** (2013.01 - EP); **E04D 2003/085** (2013.01 - EP)

Cited by

US6711870B1; EP0864708A3; GB2294493A; EP0610102A1; GB2300212A; GB2300212B; EP0750080A1; EP0816585A3; GB2383369A; GB2383369B; GB2362179A; GB2362179B; EP0244349A3; EP2453074A3; GB2246386A; GB2204627A; GB2204627B; GB2399104B; GB2307263A; GB2301611A; EP0644311A3; GB2204347A; GB2204347B; GB2429029A; GB2429029B; GB2335696A; GB2403962B; EP0821116A1; US6122886A; EP1234925A3; EP1239097A3; GB2352757A; EP1024233A1; GB2357526A; GB2357526B; CZ297229B6; EP3299564A1; FR3056625A1; GB2399107A; GB2399107B; GB2304365A; GB2304365B; WO9718365A1; WO2006000782A1; WO0017466A1; US6279290B1; US6318047B1; WO2004079123A1; WO2004079122A1; WO2004079121A1; WO2005003484A1; WO2004079124A1; WO8904408A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0092078 A2 19831026**; **EP 0092078 A3 19840613**; **EP 0092078 B1 19870128**; AT E25273 T1 19870215; DE 3213981 A1 19831103; DE 3213981 C2 19860619; DE 3369543 D1 19870305

DOCDB simple family (application)

**EP 83103158 A 19830330**; AT 83103158 T 19830330; DE 3213981 A 19820416; DE 3369543 T 19830330