

Title (en)

A PROCEDURE FOR THE CONSTRUCTION OF VERTICAL WALLS USING GLASS BRICKS AND A REINFORCEABLE MODULAR ELEMENT USED IN SAID PROCEDURE

Title (de)

VERFAHREN ZUM ERRICHTEN VON MAUERN AUS GLASBAUSTEINEN UND EIN DABEI ZUR ANWENDUNG KOMMENDES BEWEHRBARES MODULARES ELEMENT

Title (fr)

PROCEDE DE CONSTRUCTION DE MURS VERTICAUX A L'AIDE DE BRIQUES DE VERRE, ET ELEMENT MODULAIRE EVENTUELLEMENT ARME MIS EN OEUVRE DANS CE PROCEDE

Publication

EP 0817896 B1 19991222 (EN)

Application

EP 96907651 A 19960325

Priority

- IT 9600058 W 19960325
- IT PR950010 A 19950329

Abstract (en)

[origin: WO9630605A1] The present invention pertains to the field of the building trade. The procedure envisages the laying of reinforceable glass modular bricks (2), being provided with an external retaining structure (1) and placed on a row of other glass bricks (2) already laid or on any base; the subsequent insertion of a reinforcement, constituted by rods or metal bars (6) having circular or polygonal sections, into grooves (5) correspondingly shaped for containing a half part of said rods or metal bars (6), said grooves being obtained in the external retaining structure (1) of each glass brick; the laying of other glass bricks (2) until completion of the wall to be constructed. The brick (2) is characterised in that said framework (1) is shaped in such a way that it shows, on each side of the framework itself, at least a longitudinal groove (5) along the whole length of the side, which is shaped as a half part so as to accommodate a rod or metal bar (6) having a section whose shape corresponds to that of the groove (5). The brick is therefore a reinforceable modular element and the construction of walls is made notably easier.

IPC 1-7

E04C 1/42

IPC 8 full level

E04C 1/42 (2006.01)

CPC (source: EP)

E04C 1/42 (2013.01)

Designated contracting state (EPC)

BE CH DE ES FR GB GR IT LI NL PT

DOCDB simple family (publication)

WO 9630605 A1 19961003; AU 5119596 A 19961016; AU 710075 B2 19990916; BR 9607931 A 19980602; DE 69605777 D1 20000127; DE 69605777 T2 20000720; EP 0817896 A1 19980114; EP 0817896 B1 19991222; ES 2143185 T3 20000501; IT 1281167 B1 19980213; IT PR950010 A1 19960929; JP H11502911 A 19990309; MX 9707409 A 19980731

DOCDB simple family (application)

IT 9600058 W 19960325; AU 5119596 A 19960325; BR 9607931 A 19960325; DE 69605777 T 19960325; EP 96907651 A 19960325; ES 96907651 T 19960325; IT PR950010 A 19950329; JP 52913996 A 19960325; MX 9707409 A 19970929