

Title (en)

FLAT STRIP LAMELLA FOR REINFORCING BUILDING COMPONENTS AND METHOD FOR THEIR PRODUCTION

Title (de)

FLACHBAND-LAMELLE ZUR VERSTÄRKUNG VON BAUTEILEN SOWIE VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

BANDE PLATE LAMELLAIRE POUR RENFORCER DES ELEMENTS DE CONSTRUCTION ET SON PROCEDE DE FABRICATION

Publication

EP 0954660 A1 19991110 (DE)

Application

EP 98907958 A 19980120

Priority

- DE 19702249 A 19970123
- DE 19733065 A 19970731
- EP 9800270 W 19980120

Abstract (en)

[origin: US6511727B1] Flat strip lamella for reinforcing weight-carrying or weight-transferring building components. It has a composite structure consisting of a plurality of pliant or loose-flex supporting fibers (26) aligned parallel to each other, and a binding matrix (28) which connects the supporting fibers to each other so that they are shear-resistant, and is fastenable by means of an adhesive (16) by its broad side to the surface of the building component (12) that is to be reinforced. So that the flat strip lamella, to which the binding matrix gives rigid elastic form, can also be bent over corner edges of a building component (12), the invention proposes that the binding matrix (28) be removed, in at least an intermediary area (30), by uncovering the supporting fibers (26), and that the uncovered supporting fibers be subjected to a liquid or pasty thermosetting plastic, in order to stabilize the bent-over condition.

IPC 1-7

E04G 23/02; **E04C 5/07**

IPC 8 full level

E04C 5/07 (2006.01); **E04G 23/02** (2006.01)

CPC (source: EP US)

E04C 5/07 (2013.01 - EP US); **E04G 23/0218** (2013.01 - EP US); **E04G 2023/0251** (2013.01 - EP US); **Y10T 428/167** (2015.01 - EP US); **Y10T 428/24777** (2015.01 - EP US); **Y10T 428/249942** (2015.04 - EP US)

Citation (search report)

See references of WO 9832933A1

Designated contracting state (EPC)

AT CH DE FR GB LI

DOCDB simple family (publication)

US 6511727 B1 20030128; AT E202614 T1 20010715; AU 6614698 A 19980818; AU 720157 B2 20000525; EP 0954660 A1 19991110; EP 0954660 B1 20010627; JP 2000513059 A 20001003; JP 3489839 B2 20040126; WO 9832933 A1 19980730

DOCDB simple family (application)

US 34177199 A 19990716; AT 98907958 T 19980120; AU 6614698 A 19980120; EP 9800270 W 19980120; EP 98907958 A 19980120; JP 53155498 A 19980120