

Title (en)
Load-bearing mantle for bearing structures.

Title (de)
Tragwerkmantel für Tragkonstruktionen.

Title (fr)
Enveloppe d'un élément portant pour charpentes.

Publication
EP 0138165 A2 19850424 (EN)

Application
EP 84111908 A 19841004

Priority
HU 353383 A 19831012

Abstract (en)
The invention relates to a load-bearing mantle surface to bearing structures, in particular to columns, which can be characterized in that a simple or multi-layer glasscloth having been impregnated with an adhesive and wound on a crade made of paper or any other suitable material with a diameter being larger, than the diameter of the column or in case of a prismatic cross-section larger, than the longest edge thereof, is wound onto the column. Between the mantle surface and the glasscloth a granular material, e.g. sand, gravel or split is filled. On the lower end and the upper end of the column a complementary glasscloth is wound - eventually directly on the column - and optionally a splicing muff can be wound at the splicing points of the glasscloth having been wound onto the column.

IPC 1-7
F16C 3/00

IPC 8 full level
E04C 3/28 (2006.01); **E04C 3/29** (2006.01); **E04C 3/36** (2006.01); **E04G 23/02** (2006.01)

CPC (source: EP)
E04C 3/36 (2013.01)

Cited by
CN114658249A; CN106930469A; WO9710394A3

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0138165 A2 19850424; **EP 0138165 A3 19860430**; HU 186805 B 19850930; JP S60102457 A 19850606

DOCDB simple family (application)
EP 84111908 A 19841004; HU 353383 A 19831012; JP 20995584 A 19841008