

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