

Title (en)

Building element based on a face-to-face fabric.

Title (de)

Bauteil auf Basis eines Abstandsgewebes.

Title (fr)

Élément de construction à base d'un tissu "face-à-face".

Publication

EP 0495163 B1 19950308 (DE)

Application

EP 91118860 A 19911106

Priority

DE 4100738 A 19910112

Abstract (en)

[origin: EP0495163A1] The invention relates to a building element based on a face-to-face fabric, especially a velvet fabric, having at least one first and one second ply (a, b) and intermediate webs (z) connecting these plies (a, b), the fabric consisting of an industrial yarn, such as aramid fibre, carbon fibre, ceramic fibre or especially glass fibre, and, once cured, being coated with resin, an intermediate web (z) forming rigid spacer elements for the first and second plies (a, b). To make it possible to produce especially building elements which have a relatively pronounced curvature, the invention proposes that at least one of the plies (a, b) be woven in an open weave, such as is also used in multi-ply fabrics. <IMAGE>

IPC 1-7

D03D 11/00; D03D 27/10

IPC 8 full level

D03D 11/00 (2006.01); **D03D 27/10** (2006.01); **D04B 21/14** (2006.01); **D06M 15/00** (2006.01); **D06M 101/00** (2006.01); **D06M 101/16** (2006.01); **D06M 101/30** (2006.01); **D06M 101/34** (2006.01)

CPC (source: EP US)

D03D 11/02 (2013.01 - EP US); **D03D 27/10** (2013.01 - EP US); **D10B 2403/021** (2013.01 - EP US); **Y10T 428/1321** (2015.01 - EP US); **Y10T 428/1362** (2015.01 - EP US); **Y10T 428/23914** (2015.04 - EP US); **Y10T 428/23986** (2015.04 - EP US); **Y10T 428/24107** (2015.01 - EP US); **Y10T 428/24116** (2015.01 - EP US); **Y10T 428/24174** (2015.01 - EP US); **Y10T 428/24182** (2015.01 - EP US); **Y10T 428/249923** (2015.04 - EP US); **Y10T 442/3195** (2015.04 - EP US)

Cited by

AU675823B2; EP0586873A1; DE102004034063A1; WO9617984A1; WO9415784A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0495163 A1 19920722; **EP 0495163 B1 19950308**; AT E119589 T1 19950315; DE 4100738 A1 19920716; DE 59104884 D1 19950413; DK 0495163 T3 19950807; ES 2069176 T3 19950501; GR 3015894 T3 19950731; JP H05117971 A 19930514; US 5480697 A 19960102

DOCDB simple family (application)

EP 91118860 A 19911106; AT 91118860 T 19911106; DE 4100738 A 19910112; DE 59104884 T 19911106; DK 91118860 T 19911106; ES 91118860 T 19911106; GR 950401031 T 19950419; JP 35701791 A 19911225; US 4396693 A 19930408