

Title (en)

CONSTRUCTIONAL ELEMENT AND METHOD FOR ITS MANUFACTURE

Title (de)

BAUELEMENT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

ELEMENT DE CONSTRUCTION ET SON PROCEDE DE FABRICATION

Publication

EP 1583874 A1 20051012 (EN)

Application

EP 03768405 A 20031219

Priority

- NO 0300430 W 20031219
- NO 20026234 A 20021227

Abstract (en)

[origin: WO2004059101A1] Constructional element intended for cogged joining comprising side walls of a single wooden or wood-like element, preferably both side walls being made in solid wood. Each element is preferably furnished with longitudinal grooves on its inside, curved cross its longitudinal axis and on its inner side coated with a layer of plastic material, preferably thermoplastic material, which may also partly or completely surround ribs that hold the curved side walls in a stable position. The invention also concerns a method for the manufacture of said constructional element as well as a method for the manufacture of structural elements that constitute complete side walls of such a constructional element.

IPC 1-7

E04C 3/12; E04B 2/70

IPC 8 full level

B29C 43/36 (2006.01); **B29C 65/40** (2006.01); **E04B 2/70** (2006.01); **E04C 3/12** (2006.01); **E04C 3/29** (2006.01); **E04F 13/10** (2006.01); **E04B 1/35** (2006.01)

CPC (source: EP US)

B29C 43/36 (2013.01 - EP US); **B29C 65/40** (2013.01 - EP US); **B29C 66/47** (2013.01 - EP US); **B29C 66/8221** (2013.01 - EP); **B29C 66/82421** (2013.01 - EP); **B29C 66/8286** (2013.01 - EP US); **B29C 66/8324** (2013.01 - EP US); **B29C 66/83421** (2013.01 - EP US); **B29D 99/0014** (2013.01 - EP US); **E04B 2/702** (2013.01 - EP US); **E04C 3/122** (2013.01 - EP US); **E04C 3/29** (2013.01 - EP US); **E04F 13/10** (2013.01 - EP US); **B29C 33/20** (2013.01 - EP US); **B29C 66/71** (2013.01 - EP US); **B29C 66/7212** (2013.01 - EP US); **B29C 66/7392** (2013.01 - EP US); **B29C 66/7394** (2013.01 - EP US); **B29C 2043/3233** (2013.01 - EP US); **B29K 2311/14** (2013.01 - EP US); **B29K 2711/14** (2013.01 - EP US); **B29L 2031/3041** (2013.01 - EP US); **E04B 2001/3583** (2013.01 - EP US); **E04F 2203/08** (2013.01 - EP)

Citation (search report)

See references of WO 2004059101A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004059101 A1 20040715; AU 2003291782 A1 20040722; CA 2512014 A1 20040715; EP 1583874 A1 20051012; JP 2006512517 A 20060413; NO 20026234 D0 20021227; NO 318394 B1 20050314; US 2006070322 A1 20060406

DOCDB simple family (application)

NO 0300430 W 20031219; AU 2003291782 A 20031219; CA 2512014 A 20031219; EP 03768405 A 20031219; JP 2004563060 A 20031219; NO 20026234 A 20021227; US 53911305 A 20051017