

Title (en)

COMPONENT, PARTICULARLY A LIGHTWEIGHT HYBRID COMPONENT

Title (de)

BAUTEIL, INSBESONDERE HYBRIDBAUTEIL IN LEICHTBAUWEISE

Title (fr)

COMPOSANT, EN PARTICULIER COMPOSANT HYBRIDE DE CONSTRUCTION LEGERE

Publication

EP 1687194 A1 20060809 (DE)

Application

EP 04803199 A 20041119

Priority

- EP 2004013185 W 20041119
- DE 10354120 A 20031119

Abstract (en)

[origin: DE102004056102A1] The hollow beam (1) has a longitudinal weld (8) along one edge. A core (6) is enclosed in this with an intermediate layer (4) between to take up tolerance. An independent claim is included for a method for making the beam.

IPC 8 full level

B29C 65/00 (2006.01); **B62D 25/14** (2006.01); **B62D 29/00** (2006.01); **B29C 65/56** (2006.01)

CPC (source: EP US)

B29C 65/00 (2013.01 - EP US); **B29C 65/48** (2013.01 - EP US); **B29C 65/56** (2013.01 - EP US); **B29C 65/562** (2013.01 - EP US); **B29C 66/05** (2013.01 - US); **B29C 66/112** (2013.01 - EP); **B29C 66/1122** (2013.01 - EP US); **B29C 66/131** (2013.01 - EP); **B29C 66/1312** (2013.01 - EP); **B29C 66/43** (2013.01 - EP US); **B29C 66/532** (2013.01 - EP); **B29C 66/5346** (2013.01 - EP US); **B29C 66/536** (2013.01 - EP US); **B29C 66/54** (2013.01 - EP US); **B29C 66/549** (2013.01 - EP US); **B62D 25/142** (2013.01 - EP US); **B62D 25/145** (2013.01 - EP US); **B62D 29/001** (2013.01 - EP US); **B62D 29/004** (2013.01 - EP US); **B62D 29/005** (2013.01 - EP US); **F16L 9/003** (2013.01 - EP US); **F16L 9/147** (2013.01 - EP US); **F16L 9/17** (2013.01 - EP US); **B29C 65/02** (2013.01 - EP US); **B29C 65/601** (2013.01 - EP US); **B29L 2009/003** (2013.01 - EP US); **B29L 2023/22** (2013.01 - EP US); **B29L 2031/003** (2013.01 - EP US)

Citation (search report)

See references of WO 2005049411A1

Citation (examination)

- US 6168226 B1 20010102 - WYCECH JOSEPH S [US]
- US 2002053179 A1 20020509 - WYCECH JOSEPH S [US]
- WO 02055923 A2 20020718 - DAIMLER CHRYSLER AG [DE], et al

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 102004056102 A1 20050602; **DE 102004056102 B4 20080221**; **DE 102004056102 C5 20111201**; CN 1882470 A 20061220; EP 1687194 A1 20060809; JP 2007511413 A 20070510; US 2007145188 A1 20070628; WO 2005049411 A1 20050602

DOCDB simple family (application)

DE 102004056102 A 20041119; CN 200480034000 A 20041119; EP 04803199 A 20041119; EP 2004013185 W 20041119; JP 2006540350 A 20041119; US 57990504 A 20041119