

Title (en)
CONNECTOR ELEMENT FOR A GLAZED SUPPORT BAR CONSTRUCTION

Title (de)
VERBINDUNGSELEMENT FÜR EINE GLÄSERNE STÜTZEN-RIEGEL-KONSTRUKTION

Title (fr)
ELEMENT DE LIAISON POUR STRUCTURE MONTANTS-BARRES HORIZONTALES EN VERRE

Publication
EP 1458947 A1 20040922 (DE)

Application
EP 02804901 A 20021216

Priority
• DE 10162054 A 20011217
• EP 0214326 W 20021216

Abstract (en)
[origin: WO03052227A1] The invention relates to a connector element (1) for a glazed support bar construction, whereby the supports (20, 26) and bars (19) are made from glass such that the glazed supports (20, 26) and bars (19) fulfil a bearing function, comprising a first fitting (2), connected to a support (20, 26), or a bar (19) and a second fitting (8), connected to a support (20, 26) and a bar (19). The connector element (1) further comprises a load transfer element (18), made from glass, arranged between the first fitting (2) and the second fitting (8). The invention further relates to a support bar construction with an improved connector element (1).

IPC 1-7
E06B 3/02; **E06B 3/54**; **F16B 5/00**

IPC 8 full level
E04C 3/28 (2006.01); **E04C 3/36** (2006.01); **E04C 3/46** (2006.01); **E04B 1/58** (2006.01); **E06B 3/02** (2006.01); **E06B 3/54** (2006.01)

CPC (source: EP US)
E04C 3/285 (2013.01 - EP US); **E04C 3/36** (2013.01 - EP US); **E04C 3/46** (2013.01 - EP US); **E06B 3/02** (2013.01 - EP US); **E06B 3/5436** (2013.01 - EP US); **Y10T 403/32147** (2015.01 - EP US); **Y10T 403/32155** (2015.01 - EP US); **Y10T 403/32622** (2015.01 - EP US)

DOCDB simple family (publication)
WO 03052227 A1 20030626; AT E338190 T1 20060915; AU 2002366449 A1 20030630; AU 2002366449 B2 20070628; AU 2002366449 B9 20030630; DE 10162054 A1 20030717; DE 10162054 C2 20031127; DE 50208030 D1 20061012; EP 1458947 A1 20040922; EP 1458947 B1 20060830; ES 2271380 T3 20070416; HU P0401673 A2 20041228; JP 2005527718 A 20050915; JP 4073400 B2 20080409; PL 201120 B1 20090331; PL 369124 A1 20050418; PT 1458947 E 20070131; RU 2004117792 A 20051120; RU 2282698 C2 20060827; US 2005055941 A1 20050317; US 7367741 B2 20080506

DOCDB simple family (application)
EP 0214326 W 20021216; AT 02804901 T 20021216; AU 2002366449 A 20021216; DE 10162054 A 20011217; DE 50208030 T 20021216; EP 02804901 A 20021216; ES 02804901 T 20021216; HU P0401673 A 20021216; JP 2003553090 A 20021216; PL 36912402 A 20021216; PT 02804901 T 20021216; RU 2004117792 A 20021216; US 49913904 A 20040617