

Title (en)
FORCE TRANSFER ELEMENT

Title (de)
KRAFTEINLEITUNGSELEMENT, VERLÄNGERUNGSELEMENT SOWIE VERFAHREN ZUR ERHÖHUNG DER ZUGLAST EINES
BANDFÖRMIGEN WERKSTOFFES

Title (fr)
ÉLÉMENT DE TRANSFERT DE FORCE

Publication
EP 1656485 B1 20170726 (DE)

Application
EP 04801930 A 20040813

Priority

- EP 2004051792 W 20040813
- EP 03018364 A 20030813
- EP 04801930 A 20040813

Abstract (en)
[origin: EP1507050A1] The compound material strip (5) is pretensioned by the power flow element (1) and in the transition from this element to the compound material there is a extension element (4) or similar to prevent additional tension peaks when the strip is stressed beyond the pretensioning load. This extension element is connected mechanically or through adhesive to the compound material strip. Independent claim describes method for increasing tensile load of compound material strip by connecting tension-blocking element.

IPC 8 full level
E04G 23/02 (2006.01)

CPC (source: EP US)
E04G 23/0218 (2013.01 - EP US)

Citation (examination)

- US 3696573 A 19721010 - ZERNA WOLFGANG, et al
- US 6385940 B1 20020514 - MAIER MARKUS [DE], et al

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1507050 A1 20050216; CN 1836079 A 20060920; EP 1656485 A1 20060517; EP 1656485 B1 20170726; US 2009031667 A1 20090205;
US 8881493 B2 20141111; WO 2005021894 A1 20050310

DOCDB simple family (application)
EP 03018364 A 20030813; CN 200480023097 A 20040813; EP 04801930 A 20040813; EP 2004051792 W 20040813; US 56818804 A 20040813