Title (en)

LOAD-ABSORBING DEVICE FOR INTRODUCING LOAD FORCES, IN PARTICULAR CABLE FORCES

Title (de)

LASTAUFNAHMEVORRICHTUNG ZUM EINLEITEN VON LASTKRÄFTEN, INSBESONDERE VON SEILKRÄFTEN

Title (fr)

DISPOSITIF DE SUSPENSION DE CHARGE POUR INTRODUIRE DES FORCES DE CHARGES, EN PARTICULIER DES FORCES DE CÂBLES

Publication

EP 2344709 A1 20110720 (DE)

Application

EP 09776487 A 20090327

Priority

- EP 2009002254 W 20090327
- DE 202008014951 U 20081111
- DE 202009001107 U 20090129

Abstract (en)

[origin: WO2010054702A1] A load-absorbing device for initiating load forces such as cable forces or tensioning forces of sheet-like structures into supporting structures (10), with at least one bearing element (24, 80) which is anchored on the respective supporting structure (10) and to which a tie rod (40) of a load-absorbing part (36, 40) is connected, and with a connection device (50) for tension members (16; 98) which cooperates with the tie bar (40), is characterized in that the connection device (50) has at least one connection wing (66) which projects laterally from the longitudinal axis (A) and which forms at least one connection point (69a) offset with respect to the longitudinal axis (A).

IPC 8 full level

E04F 10/02 (2006.01); **E04H 15/32** (2006.01); **E04H 15/58** (2006.01); **F16C 11/06** (2006.01)

CPC (source: EP US)

E04H 15/58 (2013.01 - EP US); **F16C 11/0623** (2013.01 - EP US); Y10T 403/32 (2015.01 - EP US); Y10T 403/32631 (2015.01 - EP US)

Citation (search report)

See references of WO 2010054704A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2010054702 A1 20100520; AU 2009316021 A1 20100520; AU 2009316022 A1 20100520; AU 2009316023 A1 20100520; CN 102209823 A 20111005; CN 102209824 A 20111005; CN 102209826 A 20111005; CN 102209826 B 20140924; EP 2344709 A1 20110720; EP 2344710 A1 20110720; EP 2344711 A1 20110720; US 2011217113 A1 20110908; US 2011222960 A1 20110915; US 2011222961 A1 20110915; US 8602368 B2 20131210; US 8757187 B2 20140624; US 8807495 B2 20140819; WO 2010054703 A1 20100520; WO 2010054704 A1 20100520

DOCDB simple family (application)

EP 2009002251 W 20090327; AU 2009316021 A 20090327; AU 2009316022 A 20090327; AU 2009316023 A 20090327; CN 200980145020 A 20090327; CN 200980145026 A 20090327; CN 200980145027 A 20090327; EP 09776485 A 20090327; EP 09776486 A 20090327; EP 09776487 A 20090327; EP 2009002253 W 20090327; EP 2009002254 W 20090327; US 99861209 A 20090327; US 99861309 A 20090327; US 99861809 A 20090327