

Title (en)

Load distribution body with profile carrier system

Title (de)

Lastverteilkörper mit Profilträgersystem

Title (fr)

Corps de répartition de charge doté d'un système de support de profil

Publication

**EP 2130984 A2 20091209 (DE)**

Application

**EP 09005799 A 20090425**

Priority

CH 8482008 A 20080604

Abstract (en)

The unit has a bolt part (1) and a sleeve part, where anchorage plates (14) on the bolt part exhibit same bolt holes as a bolt plate (11). Anchorage plates (24) on a sleeve part (2) exhibit same sleeve holes as a sleeve plate (21). The holes are arranged on a matrix x-y with respect to the bolt plate, sleeve plate, and anchorage plates at same positions of the axes x and y. A transverse force plate (3) is arranged in a region of a joint, where length (L) of the force plate corresponds to maximum joint width (F). A mechanical unit is connected with bolts (10, 10') in a force fit manner.

Abstract (de)

Es wird ein Lastverteilkörper vorgestellt, der für die Lagerung von Querkraftdornen 10,10' und Hülsen 20,20' in den Bauteilen dient und durch den Einsatz einer Querkraftplatte 3 auch für breite Fugen und universell eingesetzt werden kann.

IPC 8 full level

**E04B 1/21** (2006.01); **E04B 1/48** (2006.01)

CPC (source: EP)

**E04B 1/215** (2013.01); **E04B 1/483** (2013.01)

Citation (applicant)

- EP 0127631 A1 19841212 - ERB ANTON
- EP 1329563 A1 20030723 - MAIER INDUSTRIEBERATUNG AG [CH]

Cited by

CN110318472A; CN105588759A; CN109339228A; CN109518803A; CN113152669A

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)

**EP 2130984 A2 20091209; EP 2130984 A3 20120118; EP 2130984 B1 20130619**

DOCDB simple family (application)

**EP 09005799 A 20090425**