

Title (en)

YIELDING CONNECTOR FOR POLES AND POSTS

Title (de)

FLEXIBLER VERBINDER FÜR MASTEN ODER PFOSTEN

Title (fr)

CONNECTEUR FLEXIBLE POUR POTEAUX ET MONTANTS

Publication

EP 1994228 A1 20081126 (EN)

Application

EP 07709201 A 20070119

Priority

- NO 2007000018 W 20070119
- NO 20060336 A 20060123

Abstract (en)

[origin: WO2007084009A1] Yielding connecting device for poles at roadways, wherein the upper end of a base (8) and the lower end of a pole (9) each carry or are integrated with a mounting plate (1, 2). The mounting plates are connected with at least one pressure element (3) maintaining the mounting plates at a predetermined distance, and at least one tension element (4) bearing against the mounting plates to apply an axial prepressure to pressure element and keeping the mounting plates together. The pressure element (3) is an extended element with a narrow contact surface relatively to the total surface of the extended element, to each mounting plate, to provide a stilt effect at a relative sideward movement of the mounting plates. The connecting device is provided for, at a collision against the pole (9) with a vehicle, to have a relative sideward displacement of the mounting plates causing a disintegration of the connecting device. The tension elements (4) are arranged in recesses (5) or inner corners of the mounting plates.

IPC 8 full level

E01F 9/018 (2006.01)

CPC (source: EP)

E01F 9/635 (2016.02)

Citation (search report)

See references of WO 2007084009A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2007084009 A1 20070726; EP 1994228 A1 20081126; NO 20060336 L 20070724; NO 324580 B1 20071126

DOCDB simple family (application)

NO 2007000018 W 20070119; EP 07709201 A 20070119; NO 20060336 A 20060123