

Title (en)
POWER PYLON WITH FLANGE CONNECTED TUBULAR SEGMENTS

Title (de)
ENERGIEMAST MIT FLANSCHARTIG ANGESCHLOSSENEN ROHRSEGMENTEN

Title (fr)
TOUR AVEC DES SEGMENTS TUBULAIRES RACCORDÉS À BRIDES

Publication
EP 3219876 B1 20190508 (EN)

Application
EP 17159607 A 20170307

Priority
NL 2016438 A 20160315

Abstract (en)
[origin: EP3219876A1] A power pylon comprises at least two tubular segments interconnected by two opposing annular flanges which are attached to the respective ends of the tubular segments. The annular flanges extend radially inwards and each having an end face that faces the end face of the opposing flange. The annular flanges have through bores distributed in a circle. The through bores of the two opposing flanges are aligned and bolts pass through said aligned through bores, wherein nuts cooperate with said bolts to bolt the opposing flanges together. The end face of at least one of the opposing annular flanges has a central annular recessed zone that is machined in said end face. The central annular recessed zone is flanked by a radially outward engagement surface and a radially inward engagement surface, which form the interface with the opposing flange.

IPC 8 full level
E04H 12/08 (2006.01)

CPC (source: EP)
E04H 12/085 (2013.01)

Citation (opposition)
Opponent : TenneT TSO B.V.
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Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3219876 A1 20170920; EP 3219876 B1 20190508; DK 3219876 T3 20190708; EP 3591143 A2 20200108; EP 3591143 A3 20200325; EP 3591143 B1 20231122; EP 3591143 C0 20231122; NL 2016438 B1 20171002; PT 3219876 T 20190920

DOCDB simple family (application)
EP 17159607 A 20170307; DK 17159607 T 20170307; EP 19172737 A 20170307; NL 2016438 A 20160315; PT 17159607 T 20170307