

Title (en)

POWER PYLON WITH FLANGE CONNECTED TUBULAR SEGMENTS

Title (de)

LEISTUNGSMAST MIT FLANSCH, DER MIT ROHRSEGMENTEN VERBUNDEN IST

Title (fr)

PYLÔNE DE PUISSANCE AYANT DES SEGMENTS TUBULAIRES FIXÉS PAR UNE BRIDE

Publication

**EP 3591143 A3 20200325 (EN)**

Application

**EP 19172737 A 20170307**

Priority

- NL 2016438 A 20160315
- EP 17159607 A 20170307

Abstract (en)

An annular flange (5, 6) to be welded to a tubular segment of a power pylon has an end face (15) to face an end face (15) of an opposing flange (5, 6). The annular flange (5, 6) has through bores (9) distributed in a circle. The end face (15) has a central annular recessed zone (16) that is machined in said end face (15). The central annular recessed zone (16) is flanked by a radially outward engagement surface (17) and a radially inward engagement surface (18) which form the interface with the opposing flange (5, 6).

IPC 8 full level

**E04H 12/08** (2006.01)

CPC (source: EP)

**E04H 12/085** (2013.01)

Citation (search report)

- [I] US 2004112002 A1 20040617 - WOBEN ALOYS [DE]
- [I] US 2010307097 A1 20101209 - WORD III THOMAS NOTT [US], et al
- [A] US 2010117353 A1 20100513 - MA RENLE [CN]
- [A] DE 10152018 A1 20030430 - GEN ELECTRIC [US]

Designated contracting state (EPC)

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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

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