

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 B1 20231122 (EN)**

Application

**EP 19172737 A 20170307**

Priority

- NL 2016438 A 20160315
- EP 17159607 A 20170307

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)

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