

Title (en)

Assembly device for connecting two structural elements of a tower crane

Title (de)

Verlaschungsvorrichtung zum Verbinden zweier Strukturelementen eines Turmkranes

Title (fr)

Dispositif d'éclissage pour lier deux éléments structurels d'une grue à tour

Publication

**EP 2883829 B1 20160224 (FR)**

Application

**EP 14196718 A 20141208**

Priority

FR 1362431 A 20131211

Abstract (en)

[origin: CN104709832A] The invention relates to a jointing device (14) for bonding a first structural member (12a) on a second structural member (12b) of a tower crane, the device comprising at least one plate (26) extending since a base portion (34) connected to a flange (16a) of the first structural member (12a) by a main seam (70) to a connecting portion (38) which is adapted to be bonded to a flange (16b) of the second structural member (12b), characterized in that the base portion (34) of the splice (26) has a lumen (56) which is delimited by a peripheral wall connected to the frame (16a) of the first structural member (12a) by a secondary weld bead, to reduce the mechanical stresses on the weld seam.

IPC 8 full level

**B66C 23/28** (2006.01)

CPC (source: CN EP KR)

**B66C 23/286** (2013.01 - CN EP); **B66C 23/702** (2013.01 - KR); **E04H 12/185** (2013.01 - KR)

Cited by

CN112279119A

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DOCDB simple family (publication)

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