

Title (en)

FASTENER FOR WELDING HAVING A SHANK AND A FLANGE WITH PROJECTIONS, JOINING METHOD AND JOINING CONNECTION USING SUCH FASTENER

Title (de)

BEFESTIGUNGSELEMENT ZUM SCHWEISSEN MIT EINEM STIEL UND EINEM FLANSCH MIT VORSPRÜNGEN, VERBINDUNGSVERFAHREN UND VERBINDUNGSELEMENT MIT EINEM SOLCHEN BEFESTIGUNGSELEMENT

Title (fr)

DISPOSITIF DE FIXATION POUR SOUDAGE AYANT UNE TIGE ET UNE BRIDE AVEC DES SAILLIES, PROCÉDÉ D'ASSEMBLAGE ET LIAISON D'ASSEMBLAGE UTILISANT UN TEL DISPOSITIF DE FIXATION

Publication

**EP 2773479 A1 20140910 (EN)**

Application

**EP 12786897 A 20121102**

Priority

- DE 102011055044 A 20111104
- EP 2012071696 W 20121102

Abstract (en)

[origin: WO2013064618A1] Fastener for welding, joining method and joining connection In a fastener (1) of metal having a shank (2), which has a welding end (3) and at some distance from the welding end (3) a flange (5), which has a greater diameter than the shank (2), the flange (5) on the side turned toward the welding end (3) is provided with a plurality of projections (10), which are arranged at some distance from the shank (2) and from each other and which with their free ends form contact surfaces for a structural part.

IPC 8 full level

**B23K 9/20** (2006.01); **B23K 35/02** (2006.01); **F16B 37/06** (2006.01)

CPC (source: CN EP)

**B23K 9/207** (2013.01 - CN EP); **B23K 35/02** (2013.01 - CN EP); **B23K 35/0288** (2013.01 - CN EP); **F16B 5/08** (2013.01 - CN); **F16B 37/061** (2013.01 - CN); **F16B 5/08** (2013.01 - EP); **F16B 37/061** (2013.01 - EP)

Citation (search report)

See references of WO 2013064618A1

Citation (examination)

DE 29718724 U1 19980917 - BLECHFORMWERKE BERNSBACH GMBH [DE]

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DOCDB simple family (publication)

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