

Title (en)

METHOD AND DEVICE FOR FRICTION WELDING

Title (de)

VERFAHREN UND VORRICHTUNG ZUM REIBSCHWEISSEN

Title (fr)

MÉTHODE ET DISPOSITIF POUR SOUDAGE PAR FRICTION

Publication

**EP 3259094 A1 20171227 (DE)**

Application

**EP 16708090 A 20160217**

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Abstract (en)

[origin: WO2016131857A1] The invention relates to a method and apparatus for friction welding of workpieces (2, 3), which are softened and welded in a friction phase (R) with frictional contact and under frictional pressure (p) in a relative rotational movement about a process axis (8) through the effect of frictional heat. The frictional pressure (p) applied during axial advancement of one of the workpieces (3) is preferably ramped and increased during the friction phase (R).

IPC 8 full level

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CPC (source: CN EP US)

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Citation (search report)

See references of WO 2016131857A1

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