

Title (en)
SHAFT COMPRISING A PART CONNECTED THERETO BY WELDING

Title (de)
WELLE MIT MITTELS SCHWEISSUNG MIT IHR VERBUNDENEM TEIL

Title (fr)
ARBRE COMPORTANT UNE PIECE SOUDEE A CE DERNIER

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Application
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Abstract (en)
[origin: WO02070911A1] The invention relates to a shaft (1) comprising a rotating element (2) secured thereon, which comprises a solid surface perpendicular to the axis (3) of the shaft, whereby the welding is carried out in the groove formed between the bearing surface (4) of the shaft and the axis normal surface (6, 8) of the elements. In order to achieve a durable connection without impeding the rotation thereof, a welding bead begins on a starting point (21) on the surface (6, 8) perpendicular to the axis (3) is guided towards the groove, whereupon it is re-guided to an end point (21') on the surface (6, 8) perpendicular to the axis of the shaft.

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F16D 1/068; **B23K 9/028**

IPC 8 full level
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