

Title (en)

METHOD FOR GRINDING METALLIC WORKPIECES CONTAINING, IN PARTICULAR, NICKEL

Title (de)

VERFAHREN ZUM SCHLEIFEN VON INSBESONDERE NICKEL ENTHALTENDEN METALLISCHEN WERKSTÜCKEN

Title (fr)

PROCEDE POUR MEULER DES PIECES METALLIQUES CONTENANT NOTAMMENT DU NICKEL

Publication

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Application

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Abstract (en)

[origin: WO0189766A1] The invention relates to a method for grinding metallic workpieces containing, in particular, nickel, whereby a rotationally driven grinding wheel (2) is continuously dressed by a rotationally driven dressing wheel (3) during the grinding of the workpiece (1) by the continual advance (v<sub>frd</sub>) of the dressing wheel. In order to increase the grinding capacity, the invention provides that with a dressing advance velocity of 1 to 2 μm per rotation of the grinding wheel and with a circumferential velocity of the grinding wheel (v<sub>s</sub>) of at least 45 m/s, the advance (table velocity v<sub>t</sub>) is set such that the rate of metal removal is at least 90 mm<sup>3</sup>/mms.

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