

Title (en)

METHOD FOR SURFACE PROCESSING OF A COMPONENT BY FLOW GRINDING

Title (de)

VERFAHREN ZUR OBERFLÄCHENBEARBEITUNG EINES BAUTEILS DURCH STRÖMUNGSSCHLEIFEN

Title (fr)

PROCÉDÉ DE TRAITEMENT DE SURFACE D'UNE PIÈCE PAR RECTIFICATION PAR ÉCOULEMENT

Publication

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Application

EP 19779389 A 20190918

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Abstract (en)

[origin: WO2020064444A1] The invention relates to a method for surface processing of a component through flow grinding, comprising the following steps: (a) providing a blank (1), (b) overflowing of at least one surface of the blank (1) with a flowable carrier material containing grinding particles. At positions at which, during overflowing, the flow direction (25) of the flowable carrier material containing the grinding particles changes the blank (1) is rounded, and at positions at which a flow separation takes place on the finished machined component, additional material (5) is attached such that a flow separation is prevented at the start of the overflowing.

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