

Title (en)

Method for manufacturing a welded blisk

Title (de)

Verfahren zur Herstellung einer geschweißten Blisktrommel

Title (fr)

Procédé de fabrication d'un rotor intégral (BLISK) à aubage soudé

Publication

EP 2103384 B1 20131120 (DE)

Application

EP 09154985 A 20090312

Priority

DE 102008014725 A 20080318

Abstract (en)

[origin: EP2103384A1] The method involves welding prefabricated blisks with each other, and subjecting a blisk spool to thermal treatment. The blisk spool as whole within flowable, pasty polishing medium is polished by a relative motion generated between the blisk spool and the medium by vibration and/or translation and/or rotation of the blisk spool or a container. Polishing movement of the medium is suppressed by guide elements in blade regions with unwanted material removal or the regions are covered or dimensioned during production of the blisks according to the material removal expected during polishing.

IPC 8 full level

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CPC (source: EP)

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