

Title (en)

Method and device for processing the blade tips of propeller drums of turbo engines

Title (de)

Verfahren und Vorrichtung zur Schaufelspitzenbearbeitung der Laufradtrommeln von Turbomaschinen

Title (fr)

Procédé et dispositif destinés au traitement des pointes d'aubes des tambours d'une roue de rotor de turbomachines

Publication

EP 2030719 B1 20141029 (DE)

Application

EP 08160657 A 20080717

Priority

DE 102007041805 A 20070830

Abstract (en)

[origin: EP2030719A1] The method involves clamping an impeller drum (10) to an auxiliary turbomachine shaft acting as a workpiece carrier (13). Integrally formed blades (3) are processed corresponding to a mounting condition of the drum provided in a turbomachine. A wet processing of the blades takes place opposite to a dry processing of the blades. A dry processing region is shielded opposite to a wet processing region by a separating element (19), and different processing tools (15, 18) are used corresponding to processing and material types, where blade tips are processed by wet grinding and dry grinding. An independent claim is also included for a device for implementing a method for processing blade tips of integrally formed and separately mounted blades of an impeller drum of a turbomachine.

IPC 8 full level

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CPC (source: EP US)

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Cited by

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