

Title (en)

Developments in or relating to rotor balancing

Title (de)

Entwicklungen an oder im Zusammenhang mit Rotorauswuchtung

Title (fr)

Perfectionnements à ou se rapportant à l'équilibrage d'un rotor

Publication

EP 2792849 B1 20160713 (EN)

Application

EP 14170640 A 20140530

Priority

EP 14170640 A 20140530

Abstract (en)

[origin: EP2792849A1] A method of reducing dynamic imbalance in a bladed rotor assembly (7) by axially adjusting one or more of the blades (2) so as to redistribute mass along the geometric axis of the assembly. The blades may be axially adjusted to form a counterbalancing couple. Additional correction masses (6, 6a) may be added for supplemental correction of couple imbalance or residual static imbalance in the bladed rotor assembly. The invention offers a reduction in the weight penalty associated with conventional balancing corrections carried out on the bladed rotor assembly.

IPC 8 full level

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