

Title (en)

Retention device for blade roots in a compressor

Title (de)

Festhalter des Schaufelfusses in einem Verdichter

Title (fr)

Dispositif de retenue du pied des aubes d'une soufflante

Publication

EP 0797005 B1 20020911 (FR)

Application

EP 97400620 A 19970320

Priority

FR 9603497 A 19960321

Abstract (en)

[origin: EP0797005A1] The blade retainer, designed to hold the blade root in a rotor disc socket, consists of a wedge in the shape of a curved metal plate, fitted under the foot of the blade, with apertures which are filled with a semi-rigid elastomer material (13, 14, 15, 18, 19). The wedge has a central essentially metal zone (12) which extends as far as one edge of the blade and has a surface which is recessed relative to the rotor disc socket. It also has two completely metal end zones.

IPC 1-7

F04D 29/32; **F01D 5/30**

IPC 8 full level

F01D 5/30 (2006.01); **F04D 29/32** (2006.01)

CPC (source: EP US)

F01D 5/323 (2013.01 - EP US); **F04D 29/322** (2013.01 - EP US); **Y10S 416/50** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0797005 A1 19970924; **EP 0797005 B1 20020911**; CA 2196745 A1 19970922; CA 2196745 C 20040914; DE 69715278 D1 20021017; DE 69715278 T2 20030508; FR 2746456 A1 19970926; FR 2746456 B1 19980430; JP 3907259 B2 20070418; JP H108907 A 19980113; US 5820347 A 19981013

DOCDB simple family (application)

EP 97400620 A 19970320; CA 2196745 A 19970204; DE 69715278 T 19970320; FR 9603497 A 19960321; JP 6851797 A 19970321; US 81894197 A 19970317