

Title (en)  
Blade support for a compressor

Title (de)  
Schaufelträger für einen Verdichter

Title (fr)  
Support pour aube pour un compresseur

Publication  
**EP 0838595 B1 20030618 (DE)**

Application  
**EP 97810716 A 19970930**

Priority  
DE 19643716 A 19961023

Abstract (en)  
[origin: EP0838595A2] The carrier has cooling channels for a circulating cooling medium. The channels extend at least approximately circumferentially within the blade carrier, within an integral closed water circuit. This consists mainly of circulation pump(31), a pressure accumulator(32) and a heat exchanger(35). The channels are positioned in rings, and each cooling ring(27) has a feed(28) and an outlet(29).

IPC 1-7  
**F04D 29/58**; **F04D 29/54**

IPC 8 full level  
**F02C 3/00** (2006.01); **F04D 29/54** (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP US)  
**F04D 29/542** (2013.01 - EP US); **F04D 29/582** (2013.01 - EP US)

Cited by  
EP2148045A1; FR3101915A1; US7329084B2; US6978622B2; WO2010023036A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0838595 A2 19980429**; **EP 0838595 A3 19981125**; **EP 0838595 B1 20030618**; CN 1091849 C 20021002; CN 1186181 A 19980701; DE 19643716 A1 19980430; DE 59710300 D1 20030724; JP H10131896 A 19980519; US 5967743 A 19991019

DOCDB simple family (application)  
**EP 97810716 A 19970930**; CN 97121212 A 19971023; DE 19643716 A 19961023; DE 59710300 T 19970930; JP 29077697 A 19971023; US 91928597 A 19970828