

Title (en)

Turbomachine impeller and its application

Title (de)

Strömungsmaschinenrad und Verwendung desselben

Title (fr)

Rouet de turbomachine et son application

Publication

EP 1035329 A3 20010912 (DE)

Application

EP 00103933 A 20000225

Priority

DE 19910813 A 19990311

Abstract (en)

[origin: EP1035329A2] The hub of the shaft has an inner(14) and an outer(16) section with an elastic damping element(26) in between them, and/or elastic blade damping elements(40) provided between the hub outer section and respective blade(22). The hub damping element is annular or sleeve- form and has at least one spring element.

IPC 1-7

F04D 29/22; **F04D 29/66**; **F04D 29/24**

IPC 8 full level

F04D 7/04 (2006.01); **B01F 7/00** (2006.01); **F04D 29/18** (2006.01); **F04D 29/20** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP US)

F04D 29/20 (2013.01 - EP US); **F04D 29/669** (2013.01 - EP US)

Citation (search report)

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CN114275138A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1035329 A2 20000913; **EP 1035329 A3 20010912**; DE 19910813 A1 20000921; DE 19910813 B4 20040715; JP 2000274397 A 20001003; US 6309181 B1 20011030

DOCDB simple family (application)

EP 00103933 A 20000225; DE 19910813 A 19990311; JP 2000060234 A 20000306; US 51547800 A 20000229