

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

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

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