

Title (en)
Reversible wheel

Title (de)
Reversierfähiges Laufrad

Title (fr)
Roue de rotor réversible

Publication
EP 1898099 A3 20080319 (DE)

Application
EP 07015838 A 20070811

Priority
DE 102006041349 A 20060901

Abstract (en)
[origin: EP1898099A2] The impeller (2) has a hub (3) and adjustable rotor blades (5) in bolted construction, and identically constructed hub disks (4), which are bolted with one another. The hub disks are provided in their outer circumference with lugs (8), which correspond to the number of rotor blades. The lugs are canted along a tangential canted line running to a rotor around 90 degrees parallel to a rotational axis of the rotor. The lugs form a support on which the rotor blades are adjustably fastened by the lugs. The impeller is made of steel.

IPC 8 full level
F04D 29/36 (2006.01)

CPC (source: EP)
F04D 29/366 (2013.01)

Citation (search report)

- [Y] DE 3707437 A1 19880317 - LEITHNER HANS JOACHIM [DE]
- [Y] EP 0097456 A1 19840104 - MORRISON PRODUCTS INC [US]
- [A] US 4003677 A 19770118 - PARKES GEORGE ROBERTSON
- [A] DE 3836231 C1 19891026
- [A] DE 1080255 B 19600421 - ANDREAS HAROLD ANDERSEN
- [A] DE 1059290 B 19590611 - KOSTA VASILJEVIC DR ING

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1898099 A2 20080312; EP 1898099 A3 20080319; EP 1898099 B1 20100630; AT E472682 T1 20100715; DE 102006041349 A1 20080306; DE 502007004238 D1 20100812; PL 1898099 T3 20101231

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