

Title (en)
Impeller

Title (de)
Laufrad

Title (fr)
Rotor

Publication
EP 1024296 B1 20030723 (DE)

Application
EP 00101122 A 20000121

Priority
DE 19903397 A 19990129

Abstract (en)
[origin: EP1024296A2] The impeller(4) consists of at least two disc sections(8,9) lying one above the other and interconnected but torsionally fixed in relation to each other. The disc sections are interconnected outside the centre of the impeller. One of the disc sections may have a protruding collar accommodated in a recess formed in the opposite disc section. The disc sections may have a form-locking torsionally fixed interconnection, or a spigot may be provided on one section to press fit into a hole in the other section.

IPC 1-7
F04D 29/18

IPC 8 full level
F04D 29/18 (2006.01)

CPC (source: EP US)
F04D 29/188 (2013.01 - EP US)

Cited by
EP1331400A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1024296 A2 20000802; EP 1024296 A3 20001115; EP 1024296 B1 20030723; DE 19903397 A1 20000810; DE 19903397 B4 20050203; DE 50002951 D1 20030828; US 6416287 B1 20020709

DOCDB simple family (application)
EP 00101122 A 20000121; DE 19903397 A 19990129; DE 50002951 T 20000121; US 49166000 A 20000127