

Title (en)
Double-sided centrifugal-centripetal turbine

Title (de)
Doppelseitige Zentrifugal- Zentripedalturbine

Title (fr)
Turbine double-face, centrifugale-centripedale

Publication
EP 0984136 A1 20000308 (EN)

Application
EP 98116484 A 19980901

Priority
EP 98116484 A 19980901

Abstract (en)
A centrifugal-centripetal turbine which has a turbine wheel provided with circumferentially mounted blades on both its proximal side and its distal side. The radial and tangential components of the velocity of the working fluid are reversed in a chamber, radially beyond the outer edge of the turbine wheel that is separated from the turbine wheel by a barrier to inhibit frictional interaction between the working fluid and the turbine wheel. All parts of the turbine are designed to be fabricated by casting. <IMAGE>

IPC 1-7
F01D 1/06; **F01D 1/02**; **F01D 15/06**

IPC 8 full level
F01D 1/02 (2006.01); **F01D 1/06** (2006.01); **F01D 15/06** (2006.01)

CPC (source: EP)
F01D 1/02 (2013.01); **F01D 1/06** (2013.01); **F01D 15/06** (2013.01)

Citation (applicant)
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