

Title (en)
Guide wheel for centrifugal pumps

Title (de)
Führungsrad für Kreiselpumpen

Title (fr)
Roue de guidage pour pompes centrifuges

Publication
EP 1219838 B1 20031015 (EN)

Application
EP 01126983 A 20011113

Priority
IT VI20000250 A 20001114

Abstract (en)
[origin: EP1219838A2] The invention relates to a guide wheel for centrifugal pumps comprising guide ducts in a tendencially radial centripetal direction. Said guide wheel has inlet eyes arranged on the outside of the entrance edge of guide blades around the outer diameter of the impeller and axially extended up to an intermediate position between a wall adjacent to the impeller and a cover wall of the return portion of the guide ducts. Said guide blades are arranged around the outer diameter of the impeller without radial overlappings of the end portion of a guide blade with the initial portion of the subsequent guide blade. <IMAGE>

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F04D 29/44

IPC 8 full level
F04D 1/06 (2006.01); **F04D 29/44** (2006.01)

CPC (source: EP)
F04D 1/063 (2013.01); **F04D 29/448** (2013.01)

Cited by
RU2676168C1; RU2677301C1; RU2677299C1; CN115949830A; US2015071773A1; RU2677304C1; CN104912851A; RU2677306C1; EP2628958A3; CN103557156A; CN107120314A; US2015071774A1; US9726180B2; RU2677303C1; RU2680777C1; US9388822B2; US9726181B2

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