

Title (en)

Guide wheel for centrifugal pumps

Title (de)

Führungsrad für Kreispumpen

Title (fr)

Roue de guidage pour pompes centrifuges

Publication

EP 1219838 A2 20020703 (EN)

Application

EP 01126983 A 20011113

Priority

IT VI20000250 A 20001114

Abstract (en)

The invention relates to a guide wheel for centrifugal pumps comprising guide ducts in a tendentially 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>

IPC 1-7

F04D 29/44

IPC 8 full level

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CPC (source: EP)

F04D 1/063 (2013.01); **F04D 29/448** (2013.01)

Cited by

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

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