

Title (en)
CENTRIFUGAL PUMP WITH AN ISOLATING TUBULAR AIR GAP CAP

Publication
EP 0171514 B1 19880309 (DE)

Application
EP 85105625 A 19850508

Priority
CH 345084 A 19840716

Abstract (en)
[origin: US4648808A] Inside the sealing shroud of the centrifugal pump there is located an inner rotor driven by a drive motor, while an outer rotor which is connected to the pump impeller is located outside of the sealing shroud wall. At least the sealing shroud wall is formed of a material which is electrically non-conductive. The efficiency is improved. Materials not normally used in sealing shrouds, such as ceramics, can be used for the same and this increases the usefulness or fields of application of the pump.

IPC 1-7
F04D 13/02

IPC 8 full level
F04D 13/02 (2006.01)

CPC (source: EP US)
F04D 13/027 (2013.01 - EP US); **F05B 2260/4041** (2013.01 - EP US)

Cited by
FR2630071A1; FR2733010A1; US8162630B2; WO9632592A1

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DOCDB simple family (publication)
EP 0171514 A1 19860219; EP 0171514 B1 19880309; AT E32931 T1 19880315; DE 3561834 D1 19880414; JP H0551079 B2 19930730; JP S6134391 A 19860218; US 4648808 A 19870310

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