

Title (en)

Pump casing for centrifugal pump and method for producing said casing

Title (de)

Pumpengehäuse einer Kreiselpumpe und verfahren zur herstellung dieses gehäuses

Title (fr)

Carter de pompe ameliore pour pompe centrifuge et procede de production de ce carter

Publication

EP 1650440 A1 20060426 (EN)

Application

EP 04425788 A 20041020

Priority

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Abstract (en)

A method for producing the pump casing for peripheral pumps with axial suction, comprising the operating steps of: producing a pump casing (1) outer housing element (17); producing a pump casing (1) insert (18), designed, in practice, to form a pump pumping chamber (7) with a part (5) that connects a pump to a motor; and attaching the insert (18) inside the outer housing element (17). The claims also cover a pump casing for peripheral pumps with axial suction comprising at least a housing element (17) forming a pump casing outer surface (3), and an insert (18) attached to the inside of the housing element (17) and forming an operating surface (4).

IPC 8 full level

F04D 29/42 (2006.01)

CPC (source: EP)

F04D 5/002 (2013.01); **F04D 29/026** (2013.01); **F04D 29/426** (2013.01); **F05D 2230/60** (2013.01); **F05D 2300/111** (2013.01); **F05D 2300/171** (2013.01); **F05D 2300/172** (2013.01); **F05D 2300/1721** (2013.01); **F05D 2300/43** (2013.01)

Citation (search report)

- [X] DE 20219186 U1 20030227 - ASKOLL HOLDING SRL [IT]
- [X] WO 03056185 A1 20030710 - BOGEMAR SL [ES], et al
- [A] EP 1247993 A2 20021009 - MIELE & CIE [DE]
- [A] US 3095821 A 19630702 - HERMAN ELENBAAS

Cited by

EP2990651A1; CN105387000A; EP2228538A1; US8568093B2; EP2990651B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

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