

Title (en)
Centrifugal pump with fixed axis

Title (de)
Kreiselpumpe mit einer feststehenden Achse

Title (fr)
Pompe centrifuge avec arbre fixe

Publication
EP 2199616 B1 20141210 (DE)

Application
EP 09012896 A 20091013

Priority
DE 102008064099 A 20081219

Abstract (en)
[origin: EP2199616A2] The pump has a fixed shaft (3) on which a permanent magnet pump impeller is rotatably supported, where the impeller cooperates with an electronically commutated stator. The shaft is fixed with a pump housing part of a multi-part pump housing and forms a symmetry axis with respect to an inner wall region of the part. The part is formed as a pump head (2) and includes or is attached to a suction connector (6). The shaft is connected with an mounting pin (22) of the part, in a form-fit manner. An independent claim is also included for a method for manufacturing a pump head of a centrifugal pump.

IPC 8 full level
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CPC (source: EP US)
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Cited by
CN104196750A; CN103696979A; CN104024644A; WO2017054310A1; EP3379085B1

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