

Title (en)

Centrifugal pump comprising a spiral shape mounting arrangement

Title (de)

Zentrifugalpumpe mit spiralförmiger Montageanordnung

Title (fr)

Pompe centrifuge comportant un arrangement de montage en forme de spirale

Publication

EP 1972789 B1 20170222 (EN)

Application

EP 07104825 A 20070323

Priority

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Abstract (en)

[origin: EP1972789A1] The above mentioned invention is related to a centrifugal pump, comprising an outer casing (1), an inner casing (2) contained in the outer casing (1), an impeller (5) rotatably supported around a central axis (24) within the inner casing, an inlet (3) concentrically arranged with respect to the impeller (5) as well as a tangential outlet (4), said outer casing (1) comprising a cup shaped part (13), a cover part (14) as well as a mounting arrangement by means of which said cover part (14) is mounted onto the cup shaped part (13), wherein the mounting arrangement comprises mounting means with co-acting spiral shapes associated with the cup shaped part (13) and of the cover part (14), in such a way that a mutual rotation of mounting means around the axis in one direction provides for a mutually fixed position of said parts, and a mutual rotation of mounting means around the axis in the opposite direction provides for a mutually detached position of said parts.

IPC 8 full level

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CPC (source: EP)

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