

Title (en)

Self-cleaning centrifugal screw pump with auxiliary flushing flow behind the impeller

Title (de)

Selbstreinigende Schraubenzentrifugalradpumpe mit spülender Nebenströmung hinter dem Laufrad

Title (fr)

Pompe auto-nettoyante à rouet centrifuge hélicoïdal avec écoulement auxiliaire de rinçage derrière le rouet

Publication

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Application

EP 11799082 A 20111124

Priority

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Abstract (en)

[origin: EP2458225A1] The cover plate (2) has front face (2h) and rear face (2i), in which partial surface (2k) of front face is comprised of centrifugal wheel (25). A central opening (2g) is formed at the center of the partial surface, along the direction of an axis (A). An opening (2a) is formed in the partial surface, and is spaced apart from the central opening. A fluid-conduction connection between front and rear faces is obtained through the opening. Independent claims are included for the following: (1) screw centrifuge wheel pump; and (2) method for cleaning screw centrifuge wheel pump.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2012069619A1

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