

Title (en)
PUMP EMBODIED AS A SIDE CHANNEL PUMP

Title (de)
PUMPE ALS SEITENKANALPUMPE

Title (fr)
POMPE REALISEE EN TANT QUE POMPE A CANAL LATERAL

Publication
EP 1320684 A1 20030625 (DE)

Application
EP 01969795 A 20010928

Priority
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• EP 0111260 W 20010928

Abstract (en)
[origin: DE10048695A1] The pump has a driven rotor (16) and a stator (14). A circumferential pump channel (22) formed in the rotor and defined by the stator contains the side channel and runs in a spiral coil round the rotor, i.e. more than one winding. A channel wall which defines the sides of the pump channel projects away from the rotor and runs in a coil whilst the stator has a smooth surface in the region of the pump channel.

IPC 1-7
F04D 19/04; F04D 23/00; F04D 17/16

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
See references of WO 0231360A1

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