

Title (en)
FUEL PUMP

Title (de)
KRAFTSTOFFPUMPE

Title (fr)
POMPE A CARBURANT

Publication
EP 1606516 B1 20130123 (DE)

Application
EP 04766785 A 20040914

Priority
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Abstract (en)
[origin: WO2005038259A1] Disclosed is a fuel pump which is embodied as a side channel pump and is used for conveying fuel into a fuel reservoir of a motor vehicle, and in which a partially annular duct (13) that extends to a discharge duct (8) is configured in a continually expanding manner. A partially annular duct (12) that is connected to an intake duct (7) tapers in the direction of flow. Blade chambers (10) that are disposed within an impeller (6) form a conveying chamber (14) along with the partially annular ducts (12, 13). Said conveying chamber (14) extends from the intake duct (7) to the discharge duct (8) and is provided with a constant cross section such that the impeller (6) is continuously penetrated by a flow.

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