

Title (en)
DEVICE FOR BRANCHING OFF A FLUIDIC PARTIAL FLOW

Title (de)
VORRICHTUNG ZU ABZWEIGEN EINES FLUIDISCHEN TEILSTROMS

Title (fr)
DISPOSITIF DE DÉRIVATION D'UN FLUX PARTIEL DE FLUIDE

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Application
EP 09778697 A 20090924

Priority
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Abstract (en)
[origin: WO2010034491A2] The invention relates to a device for branching a fluidic partial flow off a main flow by means of a hydraulic pump (10), said device comprising individual main chambers (12,14,16,18,20) which are sealed from each other and divided into functional groups, and operate according to the displacement principle. Said chambers enable fluid from at least one main flow inlet (22) to be transported from an inlet or suction side to an outlet or pressure side of the hydraulic pump (10) and then via at least one main flow outlet. At least one independent partial chamber (26) is provided for the transport of the partial flow, in addition to the main chambers (12,14,16,18,20), said partial chamber forming part of the pressure side of the hydraulic pump (10) and being connected to an independent partial current outlet (42) separate from the respective main flow inlet (22) and the respective main flow outlet (24).

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