

Title (en)
DEVICE FOR FILTERING LIQUIDS

Title (de)
VORRICHTUNG ZUM FILTRIEREN VON FLÜSSIGKEITEN

Title (fr)
DISPOSITIF DE FILTRATION DE LIQUIDES

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Application
EP 11810998 A 20111220

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• AT 2011050048 W 20111220

Abstract (en)
[origin: WO2013000002A1] The invention relates to a device (1) for filtering liquids, comprising at least one rotor (3), which can be driven so as to rotate about a rotational axis (2) and which comprises a supporting device (4) that is fixed to said rotor for disk-shaped filter elements (5) arranged at a distance from the rotational axis (2), the disk surfaces (6) of said filter elements forming the filter surface. A plurality of the filter elements (5) are assembled together into a filter packet on a profiled tube (7) that forms a part of the supporting device (4). For this purpose, the filter elements (5) have an opening (8) through which the profiled tube protrudes. The aim of the invention is to provide improved filtration conditions. This is achieved in that the disk planes (10), preferably the central disk planes, of the filter elements (5) are arranged on the profiled tube (7) in an inclined manner about at least one axis that is perpendicular to the profiled tube axis (A) such that the disk planes (10) and the profiled tube axis (A) form an angle (a, B) that is not equal to 90°.

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Citation (search report)
See references of WO 2013000002A1

Citation (examination)
• JP H09108547 A 19970428 - MASUDA HITOSHI
• FR 2799391 A1 20010413 - DEGREMONT [FR]

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