

Title (en)
POROUS MONOLITH SUPPORT FOR A FILTRATION ELEMENT

Title (de)
PORÖSER MONOLITHTRÄGER FÜR EIN FILTRATIONSELEMENT

Title (fr)
SUPPORT MONOLITHE POREUX D'UN ELEMENT DE FILTRATION

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Application
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Abstract (en)
[origin: WO2006045933A1] The invention relates to a porous monolith support (50) for a filtration element, having a tubular shape and an essentially-constant cross-section along the axis thereof (X-X). The inventive support comprises a plurality of channels (62, 64), the surfaces of which are intended to be covered with filtration membranes. According to the invention, the cross-sections of the channels are distributed inside the cross-section of the support and said channels (62, 64) are only separated from the periphery of the support by a single lateral wall (56) of the support. Moreover, all of the channels of the support are distributed as follows: in a first group of oblong radial channels (62) which are disposed such that the length thereof extends in an essentially-radial manner, and in a second group of oblong lateral channels (64) which are positioned between the radial channels (62) and which are disposed such that the length thereof extends essentially parallel to the periphery of the support.

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