

Title (en)

FILTER ELEMENT THAT EXHIBITS HEAT AND/OR CHEMICAL RESISTANCE

Title (de)

FILTERELEMENT MIT WÄRMEBESTÄNDIGKEIT UND/ODER CHEMISCHER BESTÄNDIGKEIT

Title (fr)

ELEMENT FILTRANT RESISTANT A LA CHALEUR ET/OU AUX PRODUITS CHIMIQUES

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Application

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Priority

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Abstract (en)

[origin: WO2005053818A1] The invention relates to a porous, permeable, inherently stable filter element, which (a) is suitable for use at a permanent temperature ranging between 50 and 200 DEG C and/or (b) has an excellent acid resistance. Said filter element is characterised in that it comprises a main constituent containing particles of a first material, said particles being held together by an adhesive. Prior to the processing of the adhesive with the main constituent, which consists of heating the mixture to a bonding temperature, the adhesive takes the form of a granular plastic starting material, which liquefies at the bonding temperature and either cures to form a duroplastic or solidifies to form a thermoplastic.

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