

Title (en)
NEW PURIFYING APPARATUS

Title (de)
NEUE REINIGUNGSVORRICHTUNG

Title (fr)
NOUVEL APPAREIL DE PURIFICATION

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Application
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Abstract (en)
[origin: WO2013004914A1] The invention relates to a purifying apparatus for use in the treatment of particulate-containing fluids. In order to provide a high particle separating capacity and the ability to remain substantially block-free in operating conditions, a purifying apparatus (PUL) of the invention comprises for a fluid through flow at least one main particle separator (PPE) and alongside that is at least one bypass particle separator (OPE), and that the main particle separator (PPE) has a higher relative particle separating capacity and pressure loss than those of the bypass particle separator (OPE), and that the bypass particle separator (OPE) is substantially less susceptible to blocking and dimensioned in such a way that, upon a total blockage of the main particle separator (PPE), it is capable of undertaking the treatment of fluids in the purifying apparatus (PUL), and that the flow of fluids through the main particle separator (PPE) and the bypass particle separator (OPE) is arranged to be controlled by means of relative back pressures of the separators.

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Citation (search report)
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