

Title (en)
SCREEN SEAL AND METHOD FOR THE OPERATION THEREOF

Title (de)
SIEBDICHTUNG UND VERFAHREN ZU DEREN BETRIEB

Title (fr)
JOINT D'ÉTANCHÉITÉ DE TAMIS ET SON PROCÉDÉ DE FONCTIONNEMENT

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Application
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Abstract (en)
[origin: WO2018020001A1] The present invention relates to a screen seal (1) for an EGR branch of an internal combustion engine, the screen seal (1) being in the form of an integral component consisting of a seal (5) which surrounds and holds a screen body (4) across an inner free cross-sectional area (A). The present invention also relates to a method for continuous use of a screen seal of this type. To counteract sootiness and/or soot formation and accumulation of deposits in the screen seal (1), according to the invention the screen body (4) is designed for a current I to flow through at least part of it in such a manner that a temperature (T) sufficient to remove at least substantial parts of the deposits is set or a corresponding temperature threshold of up to approx. 600°C is exceeded.

IPC 8 full level
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