

Title (en)
A FILTER PLUG ASSEMBLY

Title (de)
FILTERSTOPFENANORDNUNG

Title (fr)
ENSEMBLE BOUCHON FILTRE

Publication
EP 3653954 A1 20200520 (EN)

Application
EP 18206720 A 20181116

Priority
EP 18206720 A 20181116

Abstract (en)
A filter plug assembly includes a plug body, a filter body and at least one sealing element. The plug body is received in and engages with a tubular element, the plug body formed by molding includes at least one sealing surface that is smooth and without any partition line. At least a portion of filter body is over molded on at least one sealing surface to configure at least one intermediate rib that forms multiple seating channels in conjunction with at least one of another adjacent intermediate rib, at least one lateral wall of the plug body and at least one lateral wall of the filter body. The at least one sealing element is received in seating channels for configuring sealing between tubular element and at least one of plug body and filter body received in tubular element.

IPC 8 full level
F25B 43/00 (2006.01)

CPC (source: EP)
F25B 43/003 (2013.01); **F25B 2400/16** (2013.01); **F25B 2400/162** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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DOCDB simple family (application)
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