

Title (en)
System separator

Title (de)
Systemtrenner

Title (fr)
Séparateur de système

Publication
EP 2400067 A3 20150826 (DE)

Application
EP 11168463 A 20110601

Priority
DE 102010024786 A 20100623

Abstract (en)
[origin: EP2400067A2] The separator (10) has a housing (11) that accommodates an inlet chamber (14), an intermediate chamber (15) and an outlet chamber (16). A drain valve ventilates the intermediate chamber arranged between inlet-sided and outlet-sided non-return valves (12, 13) and controlled depending on differential pressure between pressures in the inlet and intermediate chambers. Nozzle bodies (19) of the respective non-return valves are formed as identical and comprise valve seats (23, 24) that are active if the nozzle bodies are installed at the respective non-return valves.

IPC 8 full level
E03B 7/07 (2006.01); **E03C 1/10** (2006.01); **F16K 15/06** (2006.01)

CPC (source: EP)
E03B 7/077 (2013.01); **E03C 1/106** (2013.01); **E03C 1/108** (2013.01)

Citation (search report)

- [X] DE 4309085 C1 19950105 - SCHUBERT & SALZER AG [DE]
- [X] EP 0084754 A1 19830803 - SOCLA [FR]
- [A] US 4013088 A 19770322 - GOCKE EBERHARD, et al
- [A] US 4284097 A 19810818 - BECKER BERNARD B, et al
- [A] US 4207915 A 19800617 - BECKER BERNARD B [US], et al

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

DOCDB simple family (publication)
EP 2400067 A2 20111228; EP 2400067 A3 20150826; EP 2400067 B1 20191106; DE 102010024786 A1 20111229

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