

Title (en)
Separation device for particles

Title (de)
Abscheideeinrichtung für Partikel

Title (fr)
Dispositif de séparation pour particules

Publication
EP 2163309 A3 20110105 (DE)

Application
EP 09168456 A 20090824

Priority
AT 14102008 A 20080911

Abstract (en)
[origin: AT506397A4] The device (9) has a separating element (90) formed in a hollow-cylindrical shape and made of metal. The separating element has separating bodies that are movable relative to each other in a direction of a longitudinal axis (10a) of a separating area (10). The separating bodies are formed by compression springs that are arranged next to each other. The separating bodies are hooked into each other and held by upper and lower retaining rings that are arranged concentrically within the separating element. The rings and the bodies are made of rust-proof steel.

IPC 8 full level
B03C 3/08 (2006.01); **B03C 3/49** (2006.01); **B03C 3/74** (2006.01); **B03C 3/88** (2006.01)

CPC (source: EP)
B03C 3/06 (2013.01); **B03C 3/08** (2013.01); **B03C 3/49** (2013.01); **B03C 3/743** (2013.01); **B03C 3/88** (2013.01); **B03C 2201/08** (2013.01); **B03C 2201/28** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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AT 14102008 A 20080911; EP 09168456 A 20090824