

Title (en)
Fluid magnetic particle transport system

Title (de)
Fluidisches Magnetpartikeltransportsystem

Title (fr)
Système de transport de particules magnétiques fluidiques

Publication
EP 2332652 B1 20130814 (DE)

Application
EP 10015405 A 20101208

Priority
DE 102009057804 A 20091210

Abstract (en)
[origin: EP2332652A1] The system has engageable and disengageable magnetic sources (3) operating in a fluid channel (1) and arranged in an axial fluid channel direction at two opposite sides outside of the fluid channel in an alternative sequence. The magnetic sources have main effective directions (6) aligned in inclination to the fluid channel and pointing in same axial direction to the fluid channel. The magnetic sources are formed by soft magnetic structures in area of influence of a magnet source e.g. permanent- or electromagnets.

IPC 8 full level
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CPC (source: EP)
B01L 3/502761 (2013.01); **B03C 1/0335** (2013.01); **B03C 1/23** (2013.01); **B03C 1/288** (2013.01); **B01L 2200/0647** (2013.01); **B01L 2400/043** (2013.01); **B03C 2201/18** (2013.01)

Cited by
CN106861901A; CN114345547A

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