

Title (en)
DEVICE FOR THE SEPARATION OF GAS AND LIQUID/SOLID PARTICLES IN A MIXTURE OF GAS AND FLUID/SOLID PARTICLES FLOWING IN A LINE AND METHOD FOR THE SEPARATION THEREOF

Title (de)
VORRICHTUNG ZUR TRENNUNG VON GAS UND FLÜSSIGKEIT-FESTKÖRPERPARTIKELN AUS EINEM IN EINER LEITUNG STRÖMENDEN GAS-FLÜSSIGKEIT-FESTKÖRPERPARTIKELGEMISCH UND VERFAHREN ZUR TRENNUNG DERSELBEN

Title (fr)
DISPOSITIF POUR SEPARER LES PARTICULES SOLIDES/LIQUIDES D'UN GAZ A PARTIR D'UN MELANGE GAS-PARTICULES SOLIDES/LIQUIDES CIRCULANT DANS UNE CONDUITE ET PROCEDE DE SEPARATION

Publication
EP 1235627 A1 20020904 (DE)

Application
EP 01987688 A 20011016

Priority
• DE 0103895 W 20011016
• DE 10051307 A 20001017

Abstract (en)
[origin: WO0232546A1] According to the invention, in a device (1) comprising a line (13) through which the medium flows, a baffle element (42) is arranged in said line (13) which generates a separating eddy current (9) in the medium and thus separates gas from fluid/solid particles.

IPC 1-7
B01D 45/06; **B01D 45/08**; **F02M 35/022**

IPC 8 full level
F01M 13/04 (2006.01); **B01D 45/06** (2006.01); **B01D 45/08** (2006.01); **F02M 35/022** (2006.01)

CPC (source: EP KR US)
B01D 45/06 (2013.01 - EP KR US); **B01D 45/08** (2013.01 - EP US); **F02M 35/022** (2013.01 - EP US); **F01M 2013/0433** (2013.01 - EP US); **Y10S 55/19** (2013.01 - EP US)

Citation (search report)
See references of WO 0232546A1

Designated contracting state (EPC)
AT DE ES FR GB IT

DOCDB simple family (publication)
WO 0232546 A1 20020425; AU 2049602 A 20020429; BR 0107314 A 20020827; CN 1238089 C 20060125; CN 1394148 A 20030129; DE 10051307 A1 20020502; DE 10051307 B4 20080731; EP 1235627 A1 20020904; JP 2004511336 A 20040415; KR 20020062755 A 20020729; MX PA02006009 A 20030327; PL 354706 A1 20040209; RU 2002119205 A 20041220; US 2003075046 A1 20030424; US 6797040 B2 20040928

DOCDB simple family (application)
DE 0103895 W 20011016; AU 2049602 A 20011016; BR 0107314 A 20011016; CN 01803187 A 20011016; DE 10051307 A 20001017; EP 01987688 A 20011016; JP 2002535780 A 20011016; KR 20027007581 A 20020614; MX PA02006009 A 20011016; PL 35470601 A 20011016; RU 2002119205 A 20011016; US 16816402 A 20021018