

Title (en)

Apparatus for separating a two-phase flow into a plurality of partial flows with a like liquid to gas ratio

Title (de)

Gerät zur Aufteilung einer Zwei-Phasen-Strömung in mehrere Teilströme mit gleichem Flüssigkeit/Gas-Verhältnis

Title (fr)

Appareil à diviser un courant à deux phases en plusieurs courants partiels à rapport liquide/gaz pareil

Publication

**EP 1278029 A1 20030122 (EN)**

Application

**EP 02008819 A 20020419**

Priority

IT MI20011545 A 20010719

Abstract (en)

The present invention relates to an apparatus (1) for separating a two-phase flow or stream into a plurality of partial flows with a like liquid to gas ratio, comprising a separating chamber (2) communicating with an inlet duct (3) for supplying a two-phase flow and defining a bottom region (10) for collecting the liquid phase and a top region (11) for collecting the gaseous phase. The main feature of the invention is that the apparatus (1) further comprises a plurality of outlet tubes (20) arranged in the separating chamber (2) and leading to the top surface of the separating chamber (2). <IMAGE>

IPC 1-7

**F25B 39/02**

IPC 8 full level

**F25B 39/02** (2006.01)

CPC (source: EP)

**F25B 39/028** (2013.01); **F25B 41/45** (2021.01)

Citation (search report)

- [XY] US 2220595 A 19401105 - ANDERSEN SOREN K
- [YA] EP 0360034 A1 19900328 - SCHMITZ UWE
- [YA] US 2193696 A 19400312 - RAMSAUR WALTER R
- [XA] US 2063380 A 19361208 - HOESEL ANTHONY F
- [XA] US 2196858 A 19400409 - GLEASON THOMAS C
- [A] US 3488678 A 19700106 - WAGNER HARRY C

Cited by

JP2006234347A; EP3855059B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1278029 A1 20030122; EP 1278029 B1 20060405**; AT E322658 T1 20060415; DE 60210376 D1 20060518; DE 60210376 T2 20070201; ES 2260348 T3 20061101; IT MI20011545 A0 20010719; IT MI20011545 A1 20030119; PT 1278029 E 20060831

DOCDB simple family (application)

**EP 02008819 A 20020419**; AT 02008819 T 20020419; DE 60210376 T 20020419; ES 02008819 T 20020419; IT MI20011545 A 20010719; PT 02008819 T 20020419