

Title (en)
IMPROVEMENTS TO CENTRIFUGAL SEPARATORS.

Title (de)
VERBESSERUNGEN AN TRENNSCHLEUDERN.

Title (fr)
PERFECTIONNEMENTS AUX SEPARATEURS CENTRIFUGES.

Publication
EP 0026185 A1 19810408 (FR)

Application
EP 80900574 A 19801023

Priority
FR 7908700 A 19790402

Abstract (en)
[origin: WO8002114A1] Angled centrifugal separator divided widthwise by principal and auxiliary partitions defining particle collecting volumes. In order to increase the efficiency, several inverted knees are arranged one after the other (2 and 3) making sure that their principal partitions (2a, 2b and 3a, 3b) are so arranged that the principal partitions of the next knee (3) divide the flow issuing from the channels of the preceding knee (2). The inlets and outlets of the knees comprise profiled surfaces in order to establish and keep a rotation-free flow condition. Scrubbing of fluids containing particles.

Abstract (fr)
Separateur centrifuge a coude divise en largeur par des cloisons principales et avec cloisons auxiliaires delimitant des espaces collecteurs de particules. Pour augmenter l'efficacite on dispose a la suite plusieurs coudes inverses (2 et 3) en ayant soin d'agencer leurs cloisons principales (2a, 2b et 3a, 3b) de facon que celles du coude suivant (3) divisent l'ecoulement provenant des canaux du precedent (2). Les entrees et les sorties des coudes comportent des surfaces profilees pour y etabli et y maintenir le regime d'ecoulement irrotationnel. Epuration des fluides charges de particules.

IPC 1-7
B01D 45/16; **B01D 21/26**

IPC 8 full level
B01D 21/26 (2006.01); **B01D 45/16** (2006.01)

CPC (source: EP)
B01D 21/265 (2013.01); **B01D 45/16** (2013.01)

Designated contracting state (EPC)
DE GB NL

DOCDB simple family (publication)
WO 8002114 A1 19801016; BR 8007870 A 19810217; EP 0026185 A1 19810408; FR 2452954 A1 19801031; FR 2452954 B1 19840217; IN 154350 B 19841020; JP S56500286 A 19810312

DOCDB simple family (application)
FR 8000050 W 19800401; BR 8007870 A 19800401; EP 80900574 A 19801023; FR 7908700 A 19790402; IN 850CA1980 A 19800724; JP 50079080 A 19800401