

Title (en)
ENHANCED VACUUM CYCLONE.

Title (de)
VERBESSERTER VAKUUMZYKLON.

Title (fr)
CYCLONE A VIDE AMELIORE.

Publication
EP 0529011 A1 19930303 (EN)

Application
EP 91920982 A 19900518

Priority
ES 8901294 A 19890413

Abstract (en)
[origin: WO9117804A1] A cyclonic vacuum evaporator (1) comprising a chamber (5) having at least one entry port (6) and a plurality of conical elements (7). Introduction of a liquid mixture into the chamber (5) causes vapors to circulate towards the central part (8) of the chamber (5) and exit through the upper part (2) of the chamber (5) while liquid distillate collects in the lower part (9) of the chamber (5).

Abstract (fr)
Evaporateur à vide cyclonique (1) comprenant une chambre (5) dotée d'au moins un orifice d'entrée (6) et d'une pluralité d'éléments coniques (7). L'introduction d'un mélange liquide dans la chambre (5) provoque la circulation de vapeurs vers la partie centrale (8) de la chambre (5) et leur sortie par la partie supérieure (2) de la chambre (5), tandis qu'un distillat liquide s'accumule dans la partie inférieure (9) de ladite chambre (5).

IPC 1-7
B01D 3/10; B01D 3/14; B01D 45/10

IPC 8 full level
B01D 1/00 (2006.01); **B01D 1/30** (2006.01); **B01D 3/06** (2006.01); **B01D 5/00** (2006.01); **C10M 175/00** (2006.01)

CPC (source: EP)
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Cited by
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WO 9117804 A1 19911128; EP 0529011 A1 19930303; EP 0529011 A4 19930324; ES 2013176 A6 19900416; NO 924455 D0 19921118; NO 924455 L 19921221

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