

Title (en)

Centrifuge with Ranque tube cooling

Title (de)

Zentrifuge mit Kühlung mittels Ranque-Rohr

Title (fr)

Centrifugeuse à refroidissement par tube de Ranque

Publication

EP 1033173 B1 20050810 (FR)

Application

EP 00400470 A 20000221

Priority

FR 9902512 A 19990301

Abstract (en)

[origin: EP1033173A1] The centrifuge (1) has a Ranque tube (30) chilling pressurized gas supplied to a rotor chamber. The chilled gas enters the fluid tight chamber (5) beneath the centrifuge rotor (6). The rotor (6) is driven by pressurized gas. An aspiration unit with a Venturi injector uses the pressurized gas to entrain the gas from a purification unit (10) that filters or chemically treats gas drawn out from the chamber (5).

IPC 1-7

B04B 15/02; B04B 9/06; B04B 9/08; B04B 7/06

IPC 8 full level

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CPC (source: EP US)

B04B 7/06 (2013.01 - EP US); **B04B 9/06** (2013.01 - EP US); **B04B 9/08** (2013.01 - EP US); **B04B 15/02** (2013.01 - EP US);
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