

Title (en)  
CENTRIFUGAL SEPARATOR HAVING A VENTILATION SYSTEM

Title (de)  
ZENTRIFUGALABSCHIEDER MIT EINEM BELÜFTUNGSSYSTEM

Title (fr)  
SÉPARATEUR CENTRIFUGE DOTÉ D'UN SYSTÈME DE VENTILATION

Publication  
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Application  
**EP 16176418 A 20160627**

Priority  
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Abstract (en)  
The present invention provides a centrifugal separator for separation of at least two components of a fluid mixture which are of different densities. The centrifugal separator (1) comprises a stationary frame (2), a drive member configured to rotate a rotating part (4) in relation to the stationary frame. The rotating part comprises a spindle (5) and a centrifuge rotor (6) enclosing a separation space, the centrifuge rotor being mounted to the spindle to rotate together with the spindle around an axis (X) of rotation. The rotating part is supported by the stationary frame by at least one bearing device (7a, 7b). The stationary frame (2) surrounds said centrifuge rotor (6), thereby forming a rotor space (8) between the stationary frame and the centrifuge rotor, and the stationary frame comprises at least one first air inlet (9) arranged to provide fluid communication into said rotor space and at least one first air outlet (10) arranged to provide fluid communication out from said rotor space. The at least one first air inlet and at least one first air outlet are arranged in the stationary frame so as to provide a flow of air from at least one first air inlet to and out through at least one second air outlet upon rotation of said rotating part, and at least one first air inlet is arranged to be connected to a source of air and at least one first air outlet is arranged to allow outflow of air from said rotor space.

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Citation (applicant)  
• GB 2011808 A 19790718 - MARL ASSOCIATES LTD  
• "Petroleum products - Fuels (class F) - Specification of marine fuels", 2005

Citation (search report)  
• [XY] GB 751078 A 19560627 - SANDOZ LTD  
• [X] CH 107681 A 19250316 - BBC BROWN BOVERI & CIE [CH]  
• [Y] JP 2015104701 A 20150608 - HITACHI KOKI KK  
• [AD] GB 2011808 A 19790718 - MARL ASSOCIATES LTD

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