

Title (en)

APPARATUS FOR THE PURIFICATION OF GAS WHILE BLEEDING A CRANK HOUSING

Title (de)

VORRICHTUNG ZUM REINIGEN VON GAS BEIM ENTLÜFTEN EINES KURBELGEHÄUSES

Title (fr)

DISPOSITIF POUR PURIFIER UN GAZ LORS DE L'EVACUATION DE L'AIR CONTENU DANS UN CARTER DE VILEBREQUIN

Publication

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Application

**EP 06724681 A 20060502**

Priority

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- DE 102005021278 A 20050509

Abstract (en)

[origin: WO2006119890A1] The invention relates to an apparatus (10) for purifying gas while bleeding a crank housing. Said apparatus (10) comprises a housing (12) inside which a separator chamber (14) is provided, a rotor arrangement with a rotor shaft (32) that is rotatably mounted in the housing and a centrifugal rotor (39) located in the separator chamber (14), and a fluid driving device (64) for driving the rotor shaft (32) by means of a driving fluid. The driving device (64) is disposed in a driving chamber (60) that is separated from the separator chamber (14) by means of a housing partition (16). The rotor shaft (32) extends through a breakthrough in the housing partition (16). A labyrinth-type seal (70) is provided in the zone of the breakthrough in order to seal the driving chamber (60) from the separator chamber (14).

IPC 8 full level

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Citation (search report)

See references of WO 2006119890A1

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