

Title (en)
DOUBLE SEAL WITH PRESSURISED LIP

Title (de)
DOPPELVERSIEGELUNG MIT DRUCKKLIPPE

Title (fr)
DOUBLE JOINT A LEVRE PRESSURISE

Publication
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Application
EP 08788058 A 20080327

Priority
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Abstract (en)
[origin: WO2008132410A2] The invention relates to a sealing device (12) that ensures tightness between a casing (10) and a shaft (14) rotatably mounted in said casing (10), that comprises first (24) and second (26) seals with an annular lip to be positioned axially side by side between the casing (10) and the shaft (14). The invention is characterised in that the device further includes means (45, 46, 48) for feeding a pressurised gas flow into the annular chamber (38) defined by the first lip seal (24), the second lip seal (26) and an outer surface of the shaft (22) so that, during the rotation of said shaft (22) the gas flow (F, F1, F2) is capable of slightly separating at least one of the lip seals (24, 26) from the outer surface (22) of the shaft (14) in order to flow out of the chamber (38).

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