

Title (en)
SEAL ASSEMBLY

Title (de)
DICHTUNGSANORDNUNG

Title (fr)
DISPOSITIF D'ÉTANCHÉITÉ

Publication
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Application
EP 12794274 A 20121122

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Abstract (en)
[origin: WO2013076196A1] The invention relates to a seal assembly (1) for sealing a first space (A) from a second space (B), said seal assembly (1) comprising a seal base (3) which is arranged on a first component (2) and has at least one sealing lip (4), said sealing lip (4) being designed for direct or indirect radial contact with a second component (5) and the first or second component (2, 5) having a rotational axis. The aim of the invention is to minimize the friction of the sealing lip while maintaining a good sealing action. For this purpose, the at least one sealing lip (4) is arranged at the end (6) of a portion (7) of the seal base (3), the portion (7) having two limbs (7', 7'') arranged relative to each other at an angle (alpha) when seen in a radial section. A temperature-sensitive adjusting element (8) is arranged on or in the portion (7) such that the end (6) of the limb (7'') carrying the sealing lip (4) is displaced radially away from the second component (5) as a result of a temperature increase.

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