

Title (en)

PISTON SEALING ELEMENT AND RETARDATION DEVICE HAVING PISTON SEALING ELEMENT

Title (de)

KOLBENDICHTELEMENT UND VERZÖGERUNGSVORRICHTUNG MIT KOLBENDICHTELEMENT

Title (fr)

ÉLÉMENT D'ÉTANCHÉITÉ DE PISTON ET DISPOSITIF DE FREINAGE COMPORTANT UN ÉLÉMENT D'ÉTANCHÉITÉ DE PISTON

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Application

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Abstract (en)

[origin: WO2009106049A1] The invention relates to a piston sealing element (51) having at least one sleeve-shaped deformation region (53) that is delimited in the longitudinal direction of the piston sealing element by two surfaces (58, 59), wherein said deformation region (53) has a lateral surface (56) with at least one channel (65) that connects said two surfaces (58, 59), and to a retardation device having such a piston sealing element. For this purpose, the channel (65) at least in sections is disposed wound in a helical line shape. With the present invention a piston sealing element has been developed, which achieves an effect that is largely independent of the ambient temperature at an efficiency that is comparable to conventional piston sealing elements.

IPC 8 full level

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