

Title (en)

ASSEMBLY FOR SEALING THE GAP BETWEEN TWO SEGMENTS OF A VANE RING

Title (de)

ANORDNUNG ZUM ABDICHTEN DES SPALTES ZWISCHEN ZWEI SEGMENTEN EINES LEITSCHAUFELRINGS

Title (fr)

AGENCEMENT POUR ÉTANCHÉIFIER LA FENTE ENTRE DEUX SEGMENTS D'UN ANNEAU STATORIQUE

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Application

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Abstract (en)

[origin: WO2016050641A1] The invention relates to a connection arrangement (1; 101) of a compressor guide disk (2; 102) of a compressor, said compressor guide disk being equipped with a plurality of guide vanes (107). The connection arrangement is constituted of at least two arcuate ring segments (3; 103) of the compressor guide disk (2; 102) and sealing elements (4) for sealing expansion joints (5; 105) formed by the two ring segments (3; 103). The arrangement comprises also wear protection elements (15; 115) to reduce wear of the at least two interacting ring segments (3; 103) caused by the sealing elements (4). The sealing element is rigid to such an extent and coupled to the relevant ring segments such that said ring segments interact with each other.

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