

Title (en)

SEALING ELEMENT FOR SEALING A GAP AND GAS TURBINE FACILITY

Title (de)

DICHTELEMENT ZUR DICHTUNG EINES SPALTES SOWIE GASTURBINENANLAGE

Title (fr)

ELEMENT D'ETANCHEITE POUR L'OBTURATION D'UN ESPACE ET INSTALLATION A TURBINE A GAZ

Publication

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Application

**EP 96942252 A 19960927**

Priority

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Abstract (en)

[origin: WO9712125A2] The invention pertains to a sealing element (1) for sealing a gap (5) which can form between two components (2a, 2b) liable to move relative to one another as a result of thermal action and each provided with an opposing groove (3a, 3b). The sealing element (1) in one cross-section is substantially perpendicular to a main line (21) along a median line (4). It has a first end (6a), a second end (6b) opposite the first end, and a central region (10) between the two ends, and is provided with teeth. The sealing element (1) is especially suitable for use in sealing a gap (5) between guide vanes (12) at high temperatures in a gas-turbine facility (22) as a means of preventing gas flow from a cool gas region (8) to a hot gas region (11).

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Cited by

EP2407641A1; WO2014146954A1; WO2012007158A1; WO2012007506A1; WO2014146955A1; US9382846B2; FR3100274A1; CN106103905A; WO2014146866A1; EP3000983A1; WO2016050640A1; EP4137670A1; DE102013205031A1; EP2915960A1; WO2015132013A1; US10202861B2; DE102013205028A1; EP2915959A1; WO2015132012A1; WO2023020748A1; EP4074941A1; WO2022218735A1

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