

Title (en)
Turbomachine nozzle

Title (de)
Turbomachinendüse

Title (fr)
Distributeur de turbomachine

Publication
EP 1840331 A1 20071003 (FR)

Application
EP 07290365 A 20070326

Priority
FR 0602716 A 20060329

Abstract (en)
The assembly has an interposition element (16) near a collar (13) that is fixed on an flange (14) of an outer opening (7) arranged by a cavity (5) of a blade (2), where the element creates a loss of charge. The element is situated below the collar at the level of a wall (7') of the opening, where the element is peripheral around a cooling jacket (6). The jacket has an end portion (15) opposite to the collar that is guided in another opening (8) whose wall (8') forms a slide. Independent claims are also included for the following: (1) a method for mounting a cooling jacket in a hollow blade of a nozzle of a turbomachine (2) a method for repairing a blade and cooling jacket assembly.

Abstract (fr)
L'ensemble de l'invention comporte une aube (2) et une chemise (6) de refroidissement de l'aube (2), l'aube (2) comportant une cavité centrale (5), avec au moins une première ouverture (7), dans laquelle s'étend la chemise (6), la chemise (6) comportant une collerette (13) fixée sur le rebord (14) de l'ouverture (7). L'ensemble est caractérisé par le fait qu'il comporte, à proximité de la collerette (13), un élément d'interposition (16) périphérique entre la paroi de la chemise (6) et la paroi (7') de l'ouverture (7). L'étanchéité de la fixation au niveau de la collerette (13) est ainsi assurée.

IPC 8 full level
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CPC (source: EP US)
F01D 5/18 (2013.01 - EP US); **F01D 5/189** (2013.01 - EP US); **F01D 9/041** (2013.01 - EP US); **F01D 9/065** (2013.01 - EP US); **F01D 11/005** (2013.01 - EP US); **F01D 25/12** (2013.01 - EP US); **F05D 2260/201** (2013.01 - EP US); **F05D 2260/607** (2013.01 - EP US)

Citation (search report)

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