

Title (en)  
Turbine housing containing a sealing body.

Title (de)  
Turbinegehäuse mit Dichtungskörper.

Title (fr)  
Paroi de turbomachine comprenant un corps d'étanchéité.

Publication  
**EP 0657624 A1 19950614 (FR)**

Application  
**EP 94402807 A 19941207**

Priority  
FR 9314699 A 19931208

Abstract (en)  
Turbomachine wall in which, with the outer casing (1) and the shroud segments (5) delimiting the gas outflow stream (14) and the assembly flanges (4) isolate partitioned volumes (20) occupied, according to the invention, by sealing bodies (25) composed of a flexible envelope (27) containing a wad (stuffing) (26). The sealing body (25) is entirely flexible, it deforms under the action of the pressure of the gases, and occupies almost the entire empty volume (20) thus countering gas leaks while giving good thermal insulation (lagging). <IMAGE>

Abstract (fr)  
Paroi de turbomachine où le carter extérieur (1), les segments de virole (5) délimitant la veine d'écoulement des gaz (14) et les brides d'assemblages (4) isolent des volumes cloisonnés (20) occupés selon l'invention par des corps d'étanchéité (25) composés d'une enveloppe souple (27) enfermant une bourre (26). Le corps d'étanchéité (25) est entièrement souple, il se déforme sous l'action des pressions des gaz et occupe presque tout le volume vide (20), contrariant ainsi les fuites de gaz tout en assurant une bonne isolation thermique. <IMAGE>

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CPC (source: EP)  
**F01D 11/005** (2013.01); **F01D 25/24** (2013.01)

Citation (search report)  
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• [A] GB 1533515 A 19781129 - CATERPILLAR TRACTOR CO  
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• [A] PATENT ABSTRACTS OF JAPAN vol. 10, no. 368 (M - 543)<2425> 9 December 1986 (1986-12-09)

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