

Title (en)  
Steam turbine with shrink collars

Title (de)  
Dampfturbine mit Schrumpfringen

Title (fr)  
Turbine à vapeur dotée de frettes

Publication  
**EP 2101042 A1 20090916 (DE)**

Application  
**EP 08004394 A 20080310**

Priority  
EP 08004394 A 20080310

Abstract (en)  
The turbine i.e. high-pressure partial turbine (20), has an inner housing (23) arranged around a rotatably supported rotor (22) and an outer housing (3) e.g. pot-shaped housing, arranged around the inner housing. The inner housing has an inner housing upper part (34) and an inner housing lower part. A shrink collar (4) is provided for compressing the inner housing upper and lower parts. A seal (9) is arranged on the collar, and seals a gap between the collar and outer housing. A segment (8) is provided before the collar. A blading region is provided between the rotor and inner housing.

Abstract (de)  
Die Erfindung betrifft eine Dampfturbine, wobei die Dampfturbine ein Innengehäuse (23) und ein Außengehäuse (3) umfasst und das Innengehäuse (23) mit Schrumpfringen (4) ausgebildet ist, wobei zwischen den Schrumpfringen (4) und dem Außengehäuse (3) eine Dichtung (9) angeordnet ist, die eine Dichtung (9) zwischen dem Innengehäuse (23) über den Schrumpfring (4) zum Außengehäuse (3) bildet.

IPC 8 full level  
**F01D 11/00** (2006.01); **F01D 25/26** (2006.01)

CPC (source: EP)  
**F01D 11/003** (2013.01); **F01D 25/26** (2013.01); **F05D 2220/31** (2013.01); **F05D 2260/30** (2013.01); **F05D 2260/37** (2013.01)

Citation (search report)

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Designated extension state (EPC)  
AL BA MK RS

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