

Title (en)  
Heatshield for a turbine rotor

Title (de)  
Wärmestaeinheit für eine Rotoranordnung

Title (fr)  
Bouclier thermique pour un rotor de turbine

Publication  
**EP 1079070 B1 20050316 (DE)**

Application  
**EP 00810682 A 20000731**

Priority  
DE 19940525 A 19990826

Abstract (en)  
[origin: EP1079070A2] The device has a heat accumulation unit (8), which is arranged between two rotor discs (1,2) and has two connection edges (15,16) to connect it to the edges of the rotor discs. The heat accumulation unit covers an intermediate space (9) between the rotor discs. The connection edges of the heat accumulation unit each have a toothed contour with webbed connection elements (17) and intermediate spaces (21). The peripheral edges (3) of the rotor discs have a corresponding toothed counter contour (13,14), so that the connection elements can be releaseably and positively connected to the toothed counter contour.

IPC 1-7  
**F01D 5/06**; F01D 11/00; F01D 5/06

IPC 8 full level  
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CPC (source: EP)  
**F01D 5/066** (2013.01); **F01D 5/08** (2013.01); **F01D 11/001** (2013.01); **F05D 2240/40** (2013.01)

Cited by  
EP3168205A1; DE102017220336A1; CN101852100A; EP2236769A3; EP1898054A1; EP1264964A1; FR2825748A1; CN101858257A; EP2236767A3; FR3120894A1; CN117722235A; EP2930304A1; CN101845996A; EP2208860A3; US8182211B2; US7722319B2; US10036278B2; US6655920B2; FR2966867A1; EP2218879A3; GB2498321A; GB2498321B; FR3057016A1; EP3318724A1; WO2007023158A1; WO2020025406A1; US10612382B2; US9371742B2; EP2832952A1; US9816393B2; US11339662B2; US10570742B2; WO2012056161A1; WO2018082907A1; EP3078809B1

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