

Title (en)  
COOLABLE LAYER SYSTEM

Title (de)  
KÜHLBARES SCHICHTSYSTEM

Title (fr)  
SYSTEME DE COUCHES POUVANT ETRE REFROIDI

Publication  
**EP 1606494 B1 20070502 (DE)**

Application  
**EP 04717097 A 20040304**

Priority  

- EP 2004002223 W 20040304
- EP 03006962 A 20030326
- EP 04717097 A 20040304

Abstract (en)  
[origin: EP1462613A1] The coolable coating system (1) consisting of a coating on a base uses cooling passages (10) which are least partially adjoin the coating. At least two cooling passages cross. The coolable coating system extends in a radial direction, and at least one cooling passage has an angle of 0 degrees in relation to the radial direction, an angle of 90 degrees, or an angle between 0 and 90 degrees to the radial direction. At least one cooling passage is located at least partially inside the coating.

IPC 8 full level  
**F01D 5/28** (2006.01); **F01D 5/18** (2006.01)

CPC (source: EP US)  
**F01D 5/187** (2013.01 - EP US); **F01D 5/288** (2013.01 - EP US)

Designated contracting state (EPC)  
CH DE ES FR GB IT LI

DOCDB simple family (publication)  
**EP 1462613 A1 20040929**; DE 502004003687 D1 20070614; EP 1606494 A1 20051221; EP 1606494 B1 20070502; ES 2285440 T3 20071116; US 2006222492 A1 20061005; WO 2004085799 A1 20041007

DOCDB simple family (application)  
**EP 03006962 A 20030326**; DE 502004003687 T 20040304; EP 04717097 A 20040304; EP 2004002223 W 20040304; ES 04717097 T 20040304; US 55097305 A 20050926