

Title (en)  
DVC-COATING WITH FULLY AND PARTIALLY STABILIZED ZIRCONIA

Title (de)  
DVC-BESCHICHTUNG MIT VOLLSTÄNDIG UND TEILWEISE STABILISIERTEM ZIRKONIUMOXID

Title (fr)  
REVÊTEMENT DVC AVEC DU ZIRCONIUM ENTièrement ET PARTIELLEMENT STABILISÉ

Publication  
**EP 3170918 A1 20170524 (EN)**

Application  
**EP 15195270 A 20151119**

Priority  
EP 15195270 A 20151119

Abstract (en)  
A dense vertical cracked microstructure in a ceramic layer system made of an underline partially stabilized zirconia layer and an above laying fully stabilized zirconia layer show good erosion resistance and long life time.

IPC 8 full level  
**C23C 28/00** (2006.01); **C23C 30/00** (2006.01)

CPC (source: EP)  
**C23C 28/3215** (2013.01); **C23C 28/3455** (2013.01); **C23C 30/00** (2013.01)

Citation (search report)  
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• [I] EP 1908856 A2 20080409 - UNITED TECHNOLOGIES CORP [US]  
• [I] JP 2001348655 A 20011218 - MITSUBISHI HEAVY IND LTD  
• [A] US 2015030826 A1 20150129 - KAMEL AHMED [US], et al  
• [A] C H PERRY ET AL: "Phase Characterization of Partially Stabilized Zirconia by Raman Spectroscopy", JOURNAL OF THE AMERICAN CERAMIC SOCIETY VOLUME 68, ISSUE 8, AUGUST 1985, 1 August 1985 (1985-08-01), pages C - 184, XP055267433, Retrieved from the Internet <URL:http://onlinelibrary.wiley.com/doi/10.1111/j.1151-2916.1985.tb10176.x/abstract> [retrieved on 20160421], DOI: 10.1111/j.1151-2916.1985.tb10176.x

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CN111836793A; EP3898553A4

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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DOCDB simple family (application)  
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