

Title (en)  
LAYERED TITANATES

Title (de)  
GESCHICHTETE TITANATE

Title (fr)  
TITANATES EN FEUILLETS

Publication  
**EP 2550238 A1 20130130 (EN)**

Application  
**EP 10715679 A 20100325**

Priority  
EP 2010001864 W 20100325

Abstract (en)  
[origin: WO2011116788A1] Layered titanate with the chemical formula  $\text{KN}_2\text{H}_4.\text{mA}_1\cdot 2\text{O}(\text{Ti}_1\text{-qMq})(\text{O}_2\text{-wOHxFy})_2\text{-z.nH}_2\text{O}$  wherein k,m,q,w,x,y and z are coefficients ranging from 0.01 to 0.5; n is an integer, wherein  $0 \leq n \leq 5$ ; A is at least one cation having a valence of 1 to 3; M is at least one metall having a valence of 1 to 7; comprising chemically bound anion-free hydrazine intercalated in the interlayer space of the titanate layers.

IPC 8 full level  
**C01G 23/00** (2006.01)

CPC (source: EP US)  
**C01G 23/003** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011116788A1

Citation (examination)  
SEKAR M M A ET AL: "Hydrazine carboxylate precursors to fine particle titania, zirconia and zirconium titanate", MATERIALS RESEARCH BULLETIN, ELSEVIER, KIDLINGTON, GB, vol. 28, no. 5, 1 May 1993 (1993-05-01), pages 485 - 492, XP024079424, ISSN: 0025-5408, [retrieved on 19930501], DOI: 10.1016/0025-5408(93)90131-V

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DOCDB simple family (publication)  
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RU 2564339 C2 20150927

DOCDB simple family (application)  
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