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(54) Title: TITANIUM OXIDE-BASED SPUTTERING TARGET FOR TRANSPARENT CONDUCTIVE HLM, METHOD FOR PRODUCING SUCH FILM AND COMPOSITION FOR USE THEREIN

(57) Abstract: The present invention is directed to a composition consisting essentially of: a) from about 80 to about 99 moie% of TiO2, and b) from about 1 to about 20 mole % of one or more materials selected from the group consisting of i) WO2, ii) Ta2O5, iii) Nb2O5, iv) MoO2, v) Mo, vi) Ta, vii) Nb, viii) W and ix) mixtures thereof, wherein the mole %s are based on the total product and wherein the sum of components a) and b) is 100. The invention is also directed to the sintered product of such composition, a sputtering target made from the sintered product and a transparent electroconductive film made from the composition.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. C04B35/46 C23C14/08 C23C14/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C04B C23C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal , WPI Data, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO **BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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P,X	WO 2007/047511 A (STARCK H C INC [US]; GAYDOS MARK E [US]; KUMAR PRABHAT [US]; MILLER ST) 26 April 2007 (2007-04-26) the whole document	**1-7**

D Further documents are listed in the continuation of Box C. [X] See patent family annex.

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Information on patent family members

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