

Title (en)

PROCESS FOR PRODUCING TITANIUM OXIDE LAYERS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON TITANOXIDSCHICHTEN

Title (fr)

PROCÉDÉ DE PRODUCTION DE COUCHES D'OXYDE DE TITANE

Publication

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Application

EP 08758909 A 20080530

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Abstract (en)

[origin: WO2008145397A1] The present invention relates to a process for the vacuum-based deposition of a titanium oxide layer from the gas phase on a substrate, wherein deposition is carried out from a source containing titanium oxide at a deposition rate of less than 25 nm/s in an oxygen-containing atmosphere and at a substrate temperature of less than 500 °C and, after deposition, the coated substrate is heat treated for a period of at least 30 minutes in an oxygen-containing atmosphere at temperatures in the range from 200 °C to 1000 °C.

IPC 8 full level

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