

Title (en)  
TITANO-SILICO-ALUMO-PHOSPHATE

Title (de)  
TITANO-SILICO-ALUMO-PHOSPHAT

Title (fr)  
TITANO-SILICO-ALUMO-PHOSPHATE

Publication  
**EP 2655256 A2 20131030 (DE)**

Application  
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• EP 2011073686 W 20111221

Abstract (en)  
[origin: WO2012085150A2] The invention relates to a titano-silico-alumo-phosphate which contains tetradratically coordinated titanium in the framework, which comprises a free coordination point for CO, which can be detected by means of a characteristic IR-band at  $2192 \pm 5 \text{ cm}^{-1}$ . Said titano-silico-alumo-phosphate displays exceptionally high hydrothermal stability and has a good adsorption capacity even at high temperatures. Based on the high hydrothermal stability, the titano-silico-alumo-phosphate can be obtained by a hydrothermal method from a synthesis gel mixture made of an aluminium, phosphor, silicon and a titanium source, and corresponding templates.

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See references of WO 2012085150A2

Citation (examination)  
US 6153798 A 20001128 - HIDAKA TOSHIO [JP], et al

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