

Title (en)  
LEACHING OF A TITANIFEROUS MATERIAL

Title (de)  
AUSLAUGEN TITANHALTIGER MATERIALIEN

Title (fr)  
LESSIVAGE D'UN MATERIAU TITANIFERE

Publication  
**EP 0755459 A1 19970129 (EN)**

Application  
**EP 95915693 A 19950418**

Priority  
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Abstract (en)  
[origin: WO9528502A1] An industrially realistic process for upgrading of titaniferous materials is disclosed. The process comprises the following steps: (i) a pretreatment which has the effect of rendering silica amenable to leaching under the particular conditions of a subsequent leach, and (ii) an aqueous leach in the presence of an acid, the conditions of which are chosen such that silica which enters solution is not hydrolysed or precipitated as a silicate. The pretreatment step (i) may comprise alkaline leaching, roasting or smelting. The leaching step (ii) may be conducted at low solids densities.

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