

Publication

EP 0755459 A4 19970226

Application

EP 95915693 A 19950418

Priority

- AU 9500222 W 19950418
- AU PM511994 A 19940415

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.

IPC 1-7

C22B 1/00

IPC 8 full level

C01G 23/04 (2006.01); **C22B 3/04** (2006.01); **C22B 3/06** (2006.01); **C22B 34/12** (2006.01)

CPC (source: EP)

C22B 3/06 (2013.01); **C22B 34/1209** (2013.01); **C22B 34/1213** (2013.01); **C22B 34/124** (2013.01); **Y02P 10/20** (2015.11)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9528502A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 9528502 A1 19951026; AU PM511994 A0 19940512; BR 9507395 A 19990831; CA 2187892 A1 19951026; CN 1148412 A 19970423; EP 0755459 A1 19970129; EP 0755459 A4 19970226; IN 182628 B 19990522; JP H09512057 A 19971202; NO 964351 D0 19961011; NO 964351 L 19961210; ZA 953046 B 19960115

DOCDB simple family (application)

AU 9500222 W 19950418; AU PM511994 A 19940415; BR 9507395 A 19950418; CA 2187892 A 19950418; CN 95193046 A 19950418; EP 95915693 A 19950418; IN 406CA1995 A 19950417; JP 52657795 A 19950418; NO 964351 A 19961011; ZA 953046 A 19950413