

Title (en)

A FLOW PROCESS FOR CHLORINATING FERRUGINOUS TITANIFEROUS MATERIAL

Publication

EP 0000498 B1 19811021 (EN)

Application

EP 78100363 A 19780711

Priority

- US 81758777 A 19770721
- US 81771977 A 19770721
- US 88544278 A 19780310

Abstract (en)

[origin: EP0000498A1] Ferruginous titaniferous material having an iron to titanium molar ratio Fe/Ti of n:1, n being at least about 0,25 is chlorinated in the presence of carbonaceous reductants with not more than $x + 2$ moles of chlorine per gram atom of titanium, in a laminar flow at about 1050-1950 DEG C. The atomic ratio of carbon in the mixture to the oxygen content is greater than 1:1. A product stream of titanium chlorides and by-product metallic iron is withdrawn. In a preferred operational mode the reaction zone is followed by a hot separation zone and a cool separation zone.

IPC 1-7

C01G 23/02; **C22B 34/12**; **C22B 1/10**; **C22B 1/08**

IPC 8 full level

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CPC (source: EP)

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Cited by

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