

Title (en)

PROCESS AND APPARATUS FOR HIGH-TEMPERATURE CHEMICAL OPERATIONS

Publication

**EP 0292469 B1 19930203 (DE)**

Application

**EP 88890123 A 19880517**

Priority

AT 125887 A 19870518

Abstract (en)

[origin: WO8809390A1] In a process and a device for implementing hot chemical processes, in particular for melting and/or reduction by melting of batches of metallurgical dust, ores and other meltable or melt-reducible materials, such as SiO<sub>2</sub>, MgO, TiO<sub>2</sub>, Ta<sub>2</sub>O<sub>5</sub> or the corresponding metals, the batches of specified composition to be melted or reduced are pressed into ingots which are arranged and maintained in caverns of specific shape around a high-intensity radiation source.

IPC 1-7

**C22B 4/00**; **C22B 5/16**; **C22B 21/02**

IPC 8 full level

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CPC (source: EP US)

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**EP 0292469 A1 19881123**; **EP 0292469 B1 19930203**; AT 387986 B 19890410; AT A125887 A 19880915; AT E85368 T1 19930215; AU 1726188 A 19881221; AU 607768 B2 19910314; CN 1016971 B 19920610; CN 88103911 A 19881214; DD 271717 A5 19890913; DE 3878036 D1 19930318; DK 17489 A 19890308; DK 17489 D0 19890116; FI 890244 A0 19890117; FI 890244 A 19890117; IL 86404 A0 19881115; IL 86404 A 19911212; JP H02501074 A 19900412; NZ 224688 A 19900926; PH 26880 A 19921116; PT 87518 A 19890531; PT 87518 B 19920930; US 4985067 A 19910115; WO 8809390 A1 19881201; ZA 883448 B 19890222

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