

Title (en)  
PROCESS FOR RECOVERING MAGNESIUM

Publication  
**EP 0075836 A3 19850814 (EN)**

Application  
**EP 82108713 A 19820921**

Priority  
• US 30401081 A 19810921  
• BR 8302355 A 19830506

Abstract (en)  
[origin: EP0075836A2] Magnesium is recovered from a superheated gaseous mixture comprising essentially carbon monoxide gas and magnesium vapor by shock-cooling the vaporous composition with a spray of liquid magnesium chloride flux composition preferably heated to a temperature near its vaporization temperature. The liquid magnesium chloride flux composition is instantly vaporized with a large absorption of high temperature heat and the vaporous mixture is thereby cooled to a temperature somewhat about the vaporization temperature of magnesium. The resultant vaporous magnesium is recovered by condensation to produce a molten magnesium product.

IPC 1-7  
**C22B 26/22**

IPC 8 full level  
**C01F 1/00** (2006.01); **C22B 26/22** (2006.01)

CPC (source: EP)  
**C22B 26/22** (2013.01)

Citation (search report)  
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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0075836 A2 19830406; EP 0075836 A3 19850814**; AU 8857782 A 19830331; BR 8302355 A 19841211; JP S58126938 A 19830728

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