

Title (en)
PROCESS FOR RECOVERING MAGNESIUM

Publication
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Application
EP 82108713 A 19820921

Priority
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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)
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Citation (search report)
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• [Y] GB 479842 A 19380207 - NAT PROCESSES LTD, et al
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Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

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EP 0075836 A2 19830406; EP 0075836 A3 19850814; AU 8857782 A 19830331; BR 8302355 A 19841211; JP S58126938 A 19830728

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