

Title (en)

Process for recovering magnesium.

Title (de)

Verfahren zur Gewinnung von Magnesium.

Title (fr)

Procédé pour la récupération de magnésium.

Publication

EP 0075836 A2 19830406 (EN)

Application

EP 82108713 A 19820921

Priority

- US 30401081 A 19810921
- BR 8302355 A 19830506

Abstract (en)

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.

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C22B 26/22

IPC 8 full level

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