

Title (en)

Continuous single stage process for the production of molybdenum metal

Title (de)

Kontinuierliches Einstufenverfahren zur Herstellung metallisches Molybdäns

Title (fr)

Procédé en une étape et en continu pour la production de molybdène métallique

Publication

**EP 1162281 A1 20011212 (EN)**

Application

**EP 01112967 A 20010607**

Priority

US 21050100 P 20000609

Abstract (en)

Molybdenum trioxide or ammonium dimolybdate is reduced to molybdenum metal as it passes through an atmosphere of hydrogen in a multi-zoned thermally profiled rotating tube furnace.

IPC 1-7

**C22B 34/34**

IPC 8 full level

**C22B 5/12** (2006.01); **C22B 34/34** (2006.01)

CPC (source: EP)

**C22B 5/12** (2013.01); **C22B 34/34** (2013.01)

Citation (search report)

- [Y] DE 19622097 A1 19971204 - TREIBACHER IND AG [AT]
- [Y] US 2402084 A 19460611 - FREDRIK RENNIE ROBERT
- [A] US 3865573 A 19750211 - NEUMANN NORBERT F, et al
- [A] GB 932168 A 19630724 - MASASHI OKAGE
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Cited by

EP1684930A4; EP1308526A1; EP1310300A1; US7192467B2; WO2010043968A3; US7625421B2; US7132005B2; US6626976B2; US8562715B2; US9233419B2; US6746656B2; US7063821B2; US8043405B2; US8043406B2; US8147586B2

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