

Title (en)

IRON POWDER COMPOSITION INCLUDING AN AMIDE TYPE LUBRICANT AND A METHOD TO PREPARE IT

Title (de)

EISENPULVERZUSAMMENSETZUNG MIT EINEM AMID-SCHMIERMITTEL UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

COMPOSITION DE POUDRE DE FER CONTENANT UN LUBRIFIANT DU TYPE AMIDE ET SON PROCEDE DE PREPARATION

Publication

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Application

EP 02723031 A 20020417

Priority

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- SE 0101344 A 20010417

Abstract (en)

[origin: US2003029272A1] A powder composition for warm compaction comprising an iron-based powder and a lubricant powder consisting essentially of an amide described by the following formula D-Cm-B-A-B-Cm-D wherein D is -H, COR, CNHR, wherein R is a straight or branched aliphatic or aromatic group including 2-21 C atoms; C is the group -NH(CH)nCO-; B is amino or carbonyl; A is alkylene having 4-16 C atoms optionally including up to 4 O atoms m is an integer 1-10 and n is an integer 5-11.

IPC 1-7

B22F 3/00; **C10M 105/68**; **C10M 171/06**

IPC 8 full level

B22F 3/02 (2006.01); **B22F 1/10** (2022.01); **C10M 105/68** (2006.01); **C10M 171/06** (2006.01)

CPC (source: EP KR US)

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