

Title (en)

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

Title (de)

EIN AMID-SCHMIERMITTEL ENTHALTENDE EISENPULVERZUSAMMENSETZUNG UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

COMPOSITION DE POUDRE DE FER CONTENANT UN LUBRIFIANT DE TYPE AMIDE ET PROCEDE POUR PREPARER CETTE COMPOSITION

Publication

**EP 1387730 B1 20050817 (EN)**

Application

**EP 02724846 A 20020417**

Priority

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- SE 0101343 A 20010417

Abstract (en)

[origin: US2002178863A1] The invention concerns a method of preparing an iron-based powder comprising the steps of mixing and heating an iron-based powder, at least one oligomer amide type lubricant, at least one fatty acid and optionally one or more additives to a temperature above the melting point of the lubricant and subsequently cooling the obtained mixture. The invention also comprises the mixture of the iron-based powder, the oligomer amide type lubricant and the fatty acid.

IPC 1-7

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

IPC 8 full level

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CPC (source: EP US)

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C-Set (source: EP US)

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