

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 A1 20040211 (EN)

Application

EP 02724846 A 20020417

Priority

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- SE 0101343 A 20010417

Abstract (en)

[origin: WO02083346A1] 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.

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