

Title (en)

MIXED POWDER FOR IRON-BASED POWDER METALLURGY AND SINTERED BODY PRODUCED USING SAME

Title (de)

PULVERGEMISCH FÜR EISENBASIERTE PULVERMETALLURGIE UND UNTER VERWENDUNG DAVON HERGESTELLTER SINTERKÖRPER

Title (fr)

MÉLANGE DE POUDRES POUR MÉTALLURGIE DES POUDRES À BASE DE FER, CORPS FRITTÉ FABRIQUÉ À L'AIDE DE CELUI-CI

Publication

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Application

**EP 16799747 A 20160427**

Priority

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- JP 2016063170 W 20160427

Abstract (en)

The mixed powder for iron-based powder metallurgy of the present invention comprises: at least one ternary oxide selected from the group consisting of Ca-Al-Si oxides and Ca-Mg-Si oxides, and at least one binary oxide selected from the group consisting of Ca-Al oxides and Ca-Si oxides. The ternary oxide and the binary oxide are contained in a sum weight of 0.025 wt% or more to 0.3 wt% or less.

IPC 8 full level

**B22F 1/12** (2022.01); **C22C 33/02** (2006.01)

CPC (source: EP KR US)

**B22F 1/12** (2022.01 - EP KR US); **B22F 3/10** (2013.01 - KR); **B22F 3/12** (2013.01 - US); **C22C 1/05** (2013.01 - EP US); **C22C 33/02** (2013.01 - KR); **C22C 33/0228** (2013.01 - EP US); **B22F 2302/25** (2013.01 - KR US); **B22F 2998/10** (2013.01 - EP US); **B22F 2999/00** (2013.01 - EP US); **C22C 1/055** (2013.01 - EP US)

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**EP 3305440 A1 20180411**; **EP 3305440 A4 20180516**; **EP 3305440 B1 20200909**; CN 107614157 A 20180119; CN 107614157 B 20190705; JP 2016222942 A 20161228; JP 6480264 B2 20190306; KR 102060955 B1 20191231; KR 20180008733 A 20180124; KR 20190104455 A 20190909; US 2018126454 A1 20180510; WO 2016190039 A1 20161201

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