

Title (en)

METHOD FOR PRODUCING METAL PARTICLES, METAL PARTICLES PRODUCED THEREBY, AND THE USE THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON METALLPARTIKELN, HIERAUS HERGESTELLTE METALLPARTIKEL UND DEREN VERWENDUNG

Title (fr)

PROCÉDÉ DE FABRICATION DE PARTICULES MÉTALLIQUES, LES PARTICULES MÉTALLIQUES AINSI FABRIQUÉES ET LEUR UTILISATION

Publication

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Application

**EP 07724199 A 20070412**

Priority

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Abstract (en)

[origin: WO2007118669A1] The invention relates to a method for producing metal particle sols with a metal particle content of > 1 g/l, comprising the steps a) reaction of a metal salt solution with a solution containing hydroxide ions, b) reaction of the solution obtained from step a) with a reducing agent, wherein at least one of the solutions in step a) includes a dispersant aid. The present invention also relates to the metal particles produced by the method according to the invention and the use thereof.

IPC 8 full level

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Citation (examination)

- US 2005223847 A1 20051013 - SHIRAISHI FUMIKO [JP], et al
- DATABASE WPI Week 200373, Derwent World Patents Index; AN 2003-771482

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WO2017071949A1; WO2015000932A1; EP3099145A1; EP3037161A1; EP2781562A1; WO2014147079A1; EP3099146A1; WO2016189016A1; EP2468827A1; WO2012084813A1; WO2015000937A1; EP2608218A1; WO2013092450A1; WO2019215068A1; EP2821164A1; WO2015000891A1; EP3287499A1; WO2018037072A1; EP2671927A1; WO2013182588A1; EP2608217A1; WO2013092576A1; EP4163343A1; WO2023057419A1

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**DE 102006017696 A1 20071018**; CA 2649005 A1 20071025; CA 2649005 C 20141202; CN 101421032 A 20090429; CN 101421032 B 20130424; EP 2010314 A1 20090107; JP 2009533558 A 20090917; JP 5427602 B2 20140226; KR 101085653 B1 20111122; KR 20090008345 A 20090121; US 2009263496 A1 20091022; US 8133932 B2 20120313; WO 2007118669 A1 20071025

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