

Title (en)

METHOD FOR PRODUCING METAL NANOPARTICLES AND NANOPARTICLES OBTAINED IN THIS WAY AND USE THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON METALLNANOPARTIKELN UND AUF DIESE WEISE ERHALTENE METALLNANOPARTIKEL UND IHRE VERWENDUNG

Title (fr)

PROCÉDÉ DE FABRICATION DE NANOPARTICULES MÉTALLIQUES, NANOPARTICULES MÉTALLIQUES AINSI OBTENUES ET LEUR UTILISATION

Publication

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Application

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Abstract (en)

[origin: WO2010066335A1] The invention relates to a method for producing metal nanoparticles, wherein metal ions are reduced by means of at least one reducing agent in the presence of at least one polymer stabilizer and are converted into metal nanoparticles. The invention further relates to metal nanoparticles obtained in this way and to the use thereof.

IPC 8 full level

B01J 35/00 (2024.01); **B22F 1/00** (2022.01); **B22F 1/0545** (2022.01); **B22F 1/102** (2022.01); **B22F 9/24** (2006.01); **C09C 1/62** (2006.01)

CPC (source: EP KR US)

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Citation (examination)

- WO 2006072959 A1 20060713 - YISSUM RES DEV CO [IL], et al
- US 2007207335 A1 20070906 - KARANDIKAR BHALCHANDRA M [US], et al
- US 2007190323 A1 20070816 - LEE KWI-JONG [KR], et al
- See also references of WO 2010066335A1

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DOCDB simple family (application)

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