

Title (en)

METHOD FOR PRODUCING FINE PARTICLES OF SILVER

Title (de)

VERFAHREN ZUR HERSTELLUNG VON FEINEN SILBERPARTIKELN

Title (fr)

PROCÉDÉ DE PRODUCTION DE FINES PARTICULES D'ARGENT

Publication

EP 4066968 A1 20221005 (EN)

Application

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Priority

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Abstract (en)

The present application provides a method of producing silver fine particles, comprising continuously reducing silver ions contained in a silver compound to precipitate silver fine particles by introducing at least two fluids from separate flow paths and mixing the fluids, wherein one fluid of the at least two fluids contains the silver compound, and another fluid contains a reducing agent, and at least one fluid of the at least two fluids contains an amino acid. By the present invention, silver fine particles can be produced with sufficient continuous productivity and quality uniformity, without problems of deterioration of working environment and generation of explosive fulminating silver due to the use of a large amount of ammonia.

IPC 8 full level

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CPC (source: EP KR US)

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