

Title (en)
SOLID PARTICLE MANUFACTURE

Title (de)
FESTSTOFFTEILCHENHERTSELLUNG

Title (fr)
FABRICATION DE PARTICULES SOLIDES

Publication
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Application
EP 98948071 A 19980914

Priority

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Abstract (en)
[origin: WO9919251A1] A method for making solid particles containing a mixture of solid crystalline metal oxide and/or salt compounds comprising the steps of: admixing particulate metal compounds to form a dry solids blend of at least two different crystalline solids; comminuting coarse, dry blended particulate solids, preferably in a micronizer mill by impelling the solids blend with high pressure dry inert gas against a hard plate surface, thereby producing finely-divided crystalline solids; recovering a comminuted solids blend having an average particle size of about 1-5 microns; forming an aqueous slurry of the comminuted solids blend, preferably having a weight ratio of free water to solids less than 2:1; drying the aqueous slurry to form agglomerated particles having an average size range greater than about 20 microns; and recovering dry agglomerated particles having enhanced attrition resistance and particle size uniformity. This manufacturing method is particularly useful in making multi-component contact solids.

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 9919251A1

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