

Title (en)

PROCESS AND APPARATUS FOR MANUFACTURING SPHEROIDAL METAL PARTICLES

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Application

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Priority

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Abstract (en)

[origin: US4627943A] A process is disclosed for producing spherical metallic particles which are especially suited for use as an abrasive wherein a particulate metal starting material is liquified by counter-current flow with a hot gas stream which places the solid and liquid particles in a fluidized state and the liquified particles are droplets upon reaching a sufficiently small size are carried upwardly out of the fluidized zone and then cooled to form the spherical particles. An apparatus for carrying out the process is also disclosed.

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