

Title (en)

The production of metal particles from molten metal.

Title (de)

Herstellung von Metallpulver aus einer Schmelze.

Title (fr)

Fabrication de poudre métallique à partir de métal fondu.

Publication

EP 0156629 A2 19851002 (EN)

Application

EP 85301976 A 19850321

Priority

GB 8407381 A 19840321

Abstract (en)

Process and apparatus for producing metal particles (12 or 32) from molten metal (2) using a gas flow to comminute a thin film (11 or 11a) of metal formed on an angled portion (6 or 26) of a surface (5 or 25) wetted by the metal (2). The angled portion (6 or 26) subtends an angle of from 5 to 120 DEG . Preferably any rounding (8) of the edge (7) or point (27) defined by the angle should have a radius of curvature of from 4 to 25 mu m. Free flowing particles (12 or 32) are obtainable.

IPC 1-7

B22F 9/08

IPC 8 full level

B22F 9/08 (2006.01)

CPC (source: EP)

B22F 9/082 (2013.01)

Cited by

DE4019563A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0156629 A2 19851002; EP 0156629 A3 19870408; GB 8407381 D0 19840426

DOCDB simple family (application)

EP 85301976 A 19850321; GB 8407381 A 19840321