

Title (en)
PROCESS AND INSTALLATION FOR THE PREPARATION OF METAL POWDER

Publication
EP 0150755 A3 19870225 (DE)

Application
EP 85100339 A 19850115

Priority
DE 3402500 A 19840125

Abstract (en)
[origin: ES8608975A1] An apparatus and a method destined for the production of metal powder, wherein inert gas, especially argon is admixed to a metal melt rising in a riser, thereby forming a metal froth which is pressurized likewise by inert gas, especially argon of high pressure in a pulverization chamber, at the same time, forming metal droplets. These are displaced from the pulverization chamber by the gas blown into the same, to enter an expansion chamber in the form of a collecting vessel, the metal droplets being accelerated in the passage from the pulverization chamber to the collecting vessel, at the same time, forming the finest metal powder.

IPC 1-7
B22F 9/08

IPC 8 full level
B22F 9/08 (2006.01)

CPC (source: EP US)
B22F 9/082 (2013.01 - EP US)

Citation (search report)
• [X] GB 1194444 A 19700610 - HOMOGENEOUS METALS [US]
• [A] GB 1307553 A 19730221 - OXYMET AG

Cited by
EP0175078A3; DE4019563A1; DE10205897A1; AU2003206894B2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0150755 A2 19850807; EP 0150755 A3 19870225; EP 0150755 B1 19890830; AT E45897 T1 19890915; AU 3770085 A 19850801; AU 575518 B2 19880728; BR 8500319 A 19850903; CA 1228458 A 19871027; CS 273161 B2 19910312; CS 47285 A2 19900712; DD 232212 A5 19860122; DE 3402500 C1 19850801; DE 3572609 D1 19891005; DK 161571 B 19910722; DK 161571 C 19920106; DK 32685 A 19850726; DK 32685 D0 19850124; ES 539751 A0 19860901; ES 8608975 A1 19860901; FI 76716 B 19880831; FI 76716 C 19881212; FI 850297 A0 19850123; FI 850297 L 19850726; IL 74135 A0 19850430; IL 74135 A 19880229; IN 163942 B 19881210; JP S60221507 A 19851106; JP S6221842 B2 19870514; KR 850005303 A 19850824; KR 900009217 B1 19901224; MX 162212 A 19910408; NO 164220 B 19900605; NO 164220 C 19900912; NO 850274 L 19850726; PL 143335 B1 19880229; PL 251656 A1 19851105; PT 79874 A 19850201; PT 79874 B 19860911; RO 91979 A 19870630; RO 91979 B 19870701; SU 1563584 A3 19900507; US 4610719 A 19860909

DOCDB simple family (application)
EP 85100339 A 19850115; AT 85100339 T 19850115; AU 3770085 A 19850116; BR 8500319 A 19850124; CA 472211 A 19850116; CS 47285 A 19850123; DD 27272485 A 19850123; DE 3402500 A 19840125; DE 3572609 T 19850115; DK 32685 A 19850124; ES 539751 A 19850122; FI 850297 A 19850123; IL 7413585 A 19850123; IN 43MA1985 A 19850118; JP 997085 A 19850124; KR 850000325 A 19850121; MX 20415085 A 19850125; NO 850274 A 19850123; PL 25165685 A 19850123; PT 7987485 A 19850125; RO 11738585 A 19850121; SU 3845847 A 19850124; US 77931185 A 19850924