

Title (en)

Method for suspending solid lubricants.

Title (de)

Verfahren zum Suspendieren von Festschmierstoffen.

Title (fr)

Procédé pour suspendre du matériau solide de lubrification.

Publication

EP 0218989 A2 19870422 (DE)

Application

EP 86113474 A 19861001

Priority

CH 424985 A 19851002

Abstract (en)

[origin: US4735734A] Solid lubricants which are used in the non-cutting hot forming of metals. Lubricants containing graphite and polymers are presuspended in a colloid mill in water as a carrier liquid and immediately thereafter are subjected to a further mixing process in an intensive mixer, thereby being processed to a stable suspension.

Abstract (de)

Festschmierstoffe, die bei der spanlosen Warmumformung von Metallen Anwendung finden, enthaltend Graphit und Polymere, werden in Wasser als Trägerflüssigkeit, in einer Kolloidmühle vorsuspendiert und unmittelbar anschliessend in einem Intensivmischer einem weiteren Mischprozess unterworfen und dabei zu einer stabilen Suspension verarbeitet.

IPC 1-7

B01F 3/12; **B01F 13/10**

IPC 8 full level

B01F 3/12 (2006.01); **B01F 13/10** (2006.01); **C10M 173/02** (2006.01); **C10N 30/04** (2006.01); **C10N 40/24** (2006.01); **C10N 50/02** (2006.01); **C10N 50/08** (2006.01); **C10N 70/00** (2006.01)

CPC (source: EP US)

B01F 33/821 (2022.01 - EP US)

Cited by

EP0403757A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0218989 A2 19870422; **EP 0218989 A3 19890426**; **EP 0218989 B1 19910123**; AT E60249 T1 19910215; CA 1272181 A 19900731; CH 665847 A5 19880615; CN 1006400 B 19900110; CN 86106627 A 19870401; CS 261247 B2 19890112; CS 706186 A2 19880415; DD 249858 A5 19870923; DE 3677127 D1 19910228; ES 2020173 B3 19910801; JP S6291229 A 19870425; PL 261617 A1 19871228; SU 1498378 A3 19890730; US 4735734 A 19880405; ZA 867265 B 19870527

DOCDB simple family (application)

EP 86113474 A 19861001; AT 86113474 T 19861001; CA 518992 A 19860925; CH 424985 A 19851002; CN 86106627 A 19860930; CS 706186 A 19861001; DD 29481786 A 19860930; DE 3677127 T 19861001; ES 86113474 T 19861001; JP 23426086 A 19861001; PL 26161786 A 19860929; SU 4028344 A 19861001; US 91072486 A 19860923; ZA 867265 A 19860924