

Title (en)
Dry wire drawing lubricants

Title (de)
Trockendrahtziehschmiermittel

Title (fr)
Lubrifiants secs pour tréfilage

Publication
EP 0571815 B1 19980902 (EN)

Application
EP 93107653 A 19930511

Priority
• US 3492693 A 19930319
• US 4604293 A 19930409
• US 88902792 A 19920526

Abstract (en)
[origin: EP0571815A2] Shaped, dust-free dry wire drawing compound lubricants having at least one reproducibly controlled dimension and methods for their preparation comprising the steps of conglutinating and pressure forming the lubricant composition.

IPC 1-7
C10M 105/24; C10M 171/06; C10M 177/00

IPC 8 full level
B21C 9/00 (2006.01); **C10M 105/22** (2006.01); **C10M 105/24** (2006.01); **C10M 171/06** (2006.01); **C10M 177/00** (2006.01); **C10N 10/02** (2006.01); **C10N 10/04** (2006.01); **C10N 20/06** (2006.01); **C10N 40/24** (2006.01)

CPC (source: EP)
C10M 105/24 (2013.01); **C10M 171/06** (2013.01); **C10M 177/00** (2013.01); **C10M 2201/02** (2013.01); **C10M 2207/125** (2013.01); **C10M 2207/129** (2013.01); **C10N 2010/02** (2013.01); **C10N 2010/04** (2013.01); **C10N 2040/24** (2013.01); **C10N 2040/241** (2020.05); **C10N 2040/242** (2020.05); **C10N 2040/243** (2020.05); **C10N 2040/244** (2020.05); **C10N 2040/245** (2020.05); **C10N 2040/246** (2020.05); **C10N 2040/247** (2020.05)

Cited by
WO9614947A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0571815 A2 19931201; **EP 0571815 A3 19940119**; **EP 0571815 B1 19980902**; AT E170547 T1 19980915; AU 3858693 A 19931202; AU 654620 B2 19941110; CA 2096884 A1 19931127; CA 2096884 C 20010109; DE 69320693 D1 19981008; DE 69320693 T2 19990121; DK 0571815 T3 19990531; EP 0821052 A1 19980128; ES 2119830 T3 19981016; JP H06166883 A 19940614

DOCDB simple family (application)
EP 93107653 A 19930511; AT 93107653 T 19930511; AU 3858693 A 19930514; CA 2096884 A 19930525; DE 69320693 T 19930511; DK 93107653 T 19930511; EP 97117686 A 19930511; ES 93107653 T 19930511; JP 14435793 A 19930525