

Title (en)
POWDER METALLURGICAL COMPOSITION COMPRISING CARBON BLACK AS FLOW ENHANCING AGENT

Title (de)
PULVERMETALLURGISCHE ZUSAMMENSETZUNG MIT RUSS ALS FLIESSVERBESSERER

Title (fr)
COMPOSITION METALLURGIQUE EN POUDRE CONTENANT DU NOIR DE CARBONE EN TANT QU'AGENTS AMELIORANT L'ECOULEMENT

Publication
EP 1773526 A1 20070418 (EN)

Application
EP 05756261 A 20050701

Priority
• SE 2005001087 W 20050701
• SE 0401778 A 20040702

Abstract (en)
[origin: WO2006004530A1] The invention concerns a powder metallurgical composition comprising iron or iron-based powder and a minor amount, i.e. 0.001-0.2 wt-%, of carbon black. The carbon black acts as flow enhancing agent.

IPC 8 full level
B22F 1/12 (2022.01); **B22F 3/00** (2021.01); **C22C 33/02** (2006.01)

IPC 8 main group level
C22C (2006.01)

CPC (source: EP KR US)
B22F 1/12 (2022.01 - EP KR US); **B22F 3/03** (2013.01 - KR); **C22C 33/02** (2013.01 - KR); **C22C 33/0228** (2013.01 - EP US); **B22F 2999/00** (2013.01 - EP)

C-Set (source: EP KR US)
B22F 2999/00 + B22F 1/148 + C22C 33/0228

Citation (search report)
See references of WO 2006004530A1

Cited by
CN105537580A; US8734561B2; US10035126B2; US10828597B2; US9468904B2; US10137403B2; US10940429B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006004530 A1 20060112; AT E531467 T1 20111115; AU 2005260140 A1 20060112; AU 2005260140 B2 20080821; BR 122014008448 B1 20150728; BR PI0511392 A 20071204; BR PI0511392 B1 20140819; CA 2572131 A1 20060112; CA 2572131 C 20100928; CN 101890496 A 20101124; CN 101890496 B 20120229; CN 1976774 A 20070606; CN 1976774 B 20100818; EP 1773526 A1 20070418; EP 1773526 B1 20111102; ES 2376067 T3 20120308; JP 2008505249 A 20080221; JP 2010280990 A 20101216; JP 4832433 B2 20111207; JP 5313974 B2 20131009; KR 20070027758 A 20070309; MX PA06015094 A 20070301; PL 1773526 T3 20120430; RU 2007104034 A 20080810; RU 2348486 C2 20090310; SE 0401778 D0 20040702; TW 200605973 A 20060216; TW I303193 B 20081121; UA 87322 C2 20090710

DOCDB simple family (application)
SE 2005001087 W 20050701; AT 05756261 T 20050701; AU 2005260140 A 20050701; BR 122014008448 A 20050701; BR PI0511392 A 20050701; CA 2572131 A 20050701; CN 200580021375 A 20050701; CN 201010218069 A 20050701; EP 05756261 A 20050701; ES 05756261 T 20050701; JP 2007519171 A 20050701; JP 2010176310 A 20100805; KR 20077002350 A 20070130; MX PA06015094 A 20050701; PL 05756261 T 20050701; RU 2007104034 A 20050701; SE 0401778 A 20040702; TW 94122381 A 20050701; UA A200701015 A 20050701