

Title (en)

Use of a fluid to prepare hardmetals

Title (de)

Verwendung einer Flüssigkeit zur Aufbereitung von Hartmetallen

Title (fr)

Usage d'un liquide pour la production de métaux durs

Publication

EP 1666616 B1 20071121 (DE)

Application

EP 05018858 A 20050831

Priority

DE 102004053221 A 20041104

Abstract (en)

[origin: US2006091579A1] A liquid for the preparation of powder mixtures on the basis of hard metals, comprising water and an inhibitor, wherein the inhibitor is in the form of at least one of the following materials: polyvinylactam or wax emulsion, or the inhibitor is in the form of at least one of the following materials: carboxylic acid, amines or their derivatives.

IPC 8 full level

C22C 1/05 (2006.01); **B22F 1/10** (2022.01)

CPC (source: EP US)

B22F 1/10 (2022.01 - EP US); **B22F 9/04** (2013.01 - EP US); **C22C 1/051** (2013.01 - EP US); **B22F 2009/042** (2013.01 - EP US); **B22F 2009/043** (2013.01 - EP US)

Cited by

EP2860274A2; US10538829B2; EP2857124A1; US9475945B2; US9796633B2

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

Designated extension state (EPC)

HR

DOCDB simple family (publication)

DE 102004053221 B3 20060202; DE 502005002035 D1 20080103; EP 1666616 A1 20060607; EP 1666616 B1 20071121; US 2006091579 A1 20060504; US 7531022 B2 20090512

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DE 102004053221 A 20041104; DE 502005002035 T 20050831; EP 05018858 A 20050831; US 24987605 A 20051013