Title (en)
METHOD AND DEVICE FOR SPRAYING A PULVERULENT MATERIAL INTO A CARRIER GAS

Title (de)
VERFAHREN UND VORRICHTUNG ZUM EINSPRÜHEN EINES PULVERFÖRMIGEN MATERIALS IN EIN TRÄGERGAS

Title (fr)
PROCEDE ET DISPOSITIF DE PROJECTION DE MATIERE PULVERULENTE DANS UN GAZ PORTEUR

Publication
EP 2171118 B1 20110330 (FR)

Application
EP 08761417 A 20080703

Priority
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• BE 200700334 A 20070705

Abstract (en)
[origin: WO2009004053A1] Method of spraying a pulverulent material into a carrier gas, comprising the acceleration of the carrier gas under pressure up to a sonic velocity before an expansion enabling the pulverulent material to be entrained, with formation of a constant stream of carrier gas entraining an adjustable predetermined amount of pulverulent material, and safety device for spraying pulverulent material into a carrier gas.

IPC 8 full level
C23C 4/12 (2006.01); B05B 7/14 (2006.01); C23C 24/04 (2006.01)

CPC (source: EP KR US)
B05B 7/14 (2013.01 - KR); C23C 4/12 (2013.01 - EP KR US); C23C 24/04 (2013.01 - EP KR US); B05B 7/1404 (2013.01 - EP US)

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WO 2009004053 A1 20090108; AT E503855 T1 20110415; AU 2008270262 A1 20090108; AU 2008270262 B2 20120426; BE 1017673 A3 20090303; BR PI0813988 A2 20170509; BR PI0813988 B1 20190528; CA 2692486 A1 20090108; CA 2692486 C 20150908; CN 101755070 A 20100623; CN 101755070 B 20121205; CO 6251353 A2 20110221; DE 602008005889 D1 20110512; DK 2171118 T3 20110523; EA 017535 B1 20130130; EA 201070102 A1 20100830; EG 25537 A 20120206; EP 2171118 A1 20100407; EP 2171118 B1 20110330; ES 2362385 T3 20110704; JP 2010532252 A 20101007; JP 5124641 B2 20130123; KR 101573796 B1 20151202; KR 20100046175 A 20100506; MA 31582 B1 20100802; MX 2010000186 A 20100427; NZ 583035 A 20120928; PL 2171118 T3 20110729; PT 2171118 E 20110429; RS 51850 B 20120229; SI 2171118 T1 20110831; TN 2009000549 A1 20110331; UA 98340 C2 20120510; US 2010193600 A1 20100805; US 8408479 B2 20130402; ZA 201000478 B 20110428

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