

Title (en)

METHOD FOR MAKING CARBON POWDER AND INSTALLATION THEREFOR

Title (de)

VERFAHREN ZUR HERSTELLUNG VON KOHLENSTOFFPULVER UND ZUGEHÖRIGE ANLAGE

Title (fr)

PROCEDE DE FABRICATION DE POUDRE DE CARBONE ET INSTALLATION DE MISE EN OEUVRE

Publication

**EP 1899422 A2 20080319 (FR)**

Application

**EP 06778987 A 20060628**

Priority

- FR 2006050643 W 20060628
- FR 0552079 A 20050707

Abstract (en)

[origin: WO2007006990A2] The invention concerns a method including the execution of the following steps: drawing a mineralized solid carbon-containing product and introducing same in a pressure grinder (2) and circulating ground products by means of a fluid having a carrier function; evacuating the carbon particles and the particles of other minerals by pneumatic conveyor means towards a centrifuging zone (Z2) enabling the carbon to be separated from the other minerals; performing a centrifuging operation with separation between the carbon particles and the other minerals transported by a gaseous fluid towards means for separating the carbon particles and the carrier gas; and collecting the particles of the other minerals in output of the centrifuge in a recovery tank; performing a separating operation of the carbon particles and the carrier gas at the output of the centrifuge in a zone (Z3), said gases being recycled; evacuating the resulting carbon particles in the form of carbon powder for storage packaging and sale; performing a recycling operation on the carrier gaseous fluid. The invention also concerns an installation for implementing the method.

IPC 8 full level

**C09C 1/44** (2006.01); **C01B 31/04** (2006.01)

CPC (source: EP)

**B01J 8/0055** (2013.01); **B01J 8/006** (2013.01); **B02C 23/34** (2013.01); **C01B 33/02** (2013.01); **Y02E 50/10** (2013.01)

Citation (search report)

See references of WO 2007006990A2

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)

**FR 2888230 A1 20070112; FR 2888230 B1 20071116**; AU 2006259214 A1 20070201; AU 2006259214 A8 20090108; AU 2006259214 B2 20100729; EP 1899422 A2 20080319; WO 2007006990 A2 20070118; WO 2007006990 A3 20070524

DOCDB simple family (application)

**FR 0552079 A 20050707**; AU 2006259214 A 20060628; EP 06778987 A 20060628; FR 2006050643 W 20060628