

Title (en)

DRY SLAG GRANULATION SYSTEM AND METHOD

Title (de)

GRANULIERUNGSSYSTEM FÜR TROCKENE SCHLACKEN UND VERFAHREN

Title (fr)

SYSTÈME ET PROCÉDÉ DE GRANULATION DE LAITIER À SEC

Publication

EP 2922976 B1 20160803 (EN)

Application

EP 13794861 A 20131118

Priority

- GB 201221126 A 20121123
- EP 2013074029 W 20131118

Abstract (en)

[origin: GB2508201A] A dry slag granulation system comprises a rotary atomising granulator 5 with a drive motor 11 and a tundish 3 with a delivery outlet 4, an overflow outlet 7 and mounts 8a & 8b through which the tundish 3 can be moved from a horizontal a vertical inclination. The system further comprises at least one of a tundish weight sensor 9, a granulator drive motor power sensor 13, a granulator drive motor current sensor and a granulator drive motor speed sensor 12. The angle of inclination of the tundish 3 or the speed of rotation of the granulator 5 is controlled on the basis of measurements from at least one of the sensors. The tundish 3 can be used to store and release slag by adjusting its angle of inclination.

IPC 8 full level

C21B 3/08 (2006.01)

CPC (source: CN EP GB)

C21B 3/08 (2013.01 - CN EP GB)

Cited by

CZ309236B6

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

GB 201221126 D0 20130109; GB 2508201 A 20140528; GB 2508201 B 20150923; BR 112015011683 A2 20170711;
CN 104411836 A 20150311; EP 2922976 A1 20150930; EP 2922976 B1 20160803; IN 10224DEN2014 A 20150807; JP 2015533933 A 20151126;
KR 101664787 B1 20161011; KR 20150086371 A 20150727; RU 2014152001 A 20170110; WO 2014079796 A1 20140530

DOCDB simple family (application)

GB 201221126 A 20121123; BR 112015011683 A 20131118; CN 201380036244 A 20131118; EP 13794861 A 20131118;
EP 2013074029 W 20131118; IN 10224DEN2014 A 20141201; JP 2015529074 A 20131118; KR 20157016718 A 20131118;
RU 2014152001 A 20131118