

Title (en)

HOT-BRIQUETTING INSTALLATION

Title (de)

ANLAGE ZUM HEISSBRIKETTIEREN

Title (fr)

INSTALLATION DE BRIQUETAGE À CHAUD

Publication

EP 3183371 B1 20181017 (DE)

Application

EP 15723016 A 20150513

Priority

- DE 102014111906 A 20140820
- EP 2015060691 W 20150513

Abstract (en)

[origin: CA2955337A1] The invention relates to a hot-briquetting or hot-compacting installation, in particular for directly reduced iron, having at least one first row (1) of presses with one or more first roll presses (2), and having at least one second row (3) of presses with one or more second roll presses (4), having at least one first cooling conveyor (7) beneath the first row (1) of presses, and a second cooling conveyor (8) beneath the second row (3) of presses, and having a plurality of material lines (6), which are assigned in each case to the individual roll presses (2, 4) and via which the briquetted or compacted material exiting from the roll presses (2, 4) is discharged to the cooling conveyors (7, 8). The material lines (6) are provided with one or more diverters (9), which can be adjusted such that the material from the roll presses (2, 4) of the first row (1) of presses and of the second row (3) of presses is discharged optionally in each case to the first cooling conveyor (7) or to the second cooling conveyor (8).

IPC 8 full level

C22B 1/14 (2006.01); **B30B 11/00** (2006.01); **B30B 15/00** (2006.01); **C22B 1/24** (2006.01)

CPC (source: CN EP KR RU US)

B30B 11/00 (2013.01 - EP KR RU US); **B30B 15/0005** (2013.01 - EP KR RU US); **B30B 15/32** (2013.01 - RU US);
B30B 15/34 (2013.01 - KR RU US); **C21B 13/0086** (2013.01 - RU US); **C22B 1/14** (2013.01 - CN EP RU US);
C22B 1/24 (2013.01 - CN EP KR RU US)

Cited by

DE102022101419A1; WO2023138817A1; WO2023139222A1

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)

DE 102014111906 A1 20160225; CA 2955337 A1 20160225; CA 2955337 C 20230110; CN 106605001 A 20170426;
CN 106605001 B 20180904; EP 3183371 A1 20170628; EP 3183371 B1 20181017; KR 102396241 B1 20220509; KR 20170042761 A 20170419;
MX 2016017360 A 20171123; RU 2685837 C1 20190423; US 10214787 B2 20190226; US 2017204485 A1 20170720;
WO 2016026589 A1 20160225

DOCDB simple family (application)

DE 102014111906 A 20140820; CA 2955337 A 20150513; CN 201580039218 A 20150513; EP 15723016 A 20150513;
EP 2015060691 W 20150513; KR 20177007396 A 20150513; MX 2016017360 A 20150513; RU 2017108784 A 20150513;
US 201515315941 A 20150513