

Title (en)  
FACILITY FOR MANUFACTURING SINTERED ORES

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON GESINTERTEN ERZEN

Title (fr)  
INSTALLATION POUR LA FABRICATION DE MINERAIS FRITTÉS

Publication  
**EP 3550038 A4 20191113 (EN)**

Application  
**EP 16923032 A 20161216**

Priority  

- KR 20160162761 A 20161201
- KR 20160162762 A 20161201
- KR 2016014844 W 20161216

Abstract (en)  
[origin: EP3550038A1] The present disclosure relates to a facility for producing sintered ores. The facility may include: sintering vehicles movable along a traveling path; a plurality of wind-boxes arranged along the traveling path and below the sintering vehicles; a hood disposed above the sintering vehicles and extending along at least a portion of the traveling path; and an exhaust gas circulation pipe for connecting at least some of the plurality of wind-boxes to the hood. In addition, the exhaust gas circulation pipe at least partially may have at least one exhaust gas distribution region for distributing the exhaust gas in a flow direction of the exhaust gas to efficiently circulate the exhaust gas, thereby improving quality and productivity of the sintered ores.

IPC 8 full level  
**C22B 1/20** (2006.01); **F27B 21/02** (2006.01); **F27B 21/06** (2006.01); **F27D 7/04** (2006.01); **F27D 17/00** (2006.01)

CPC (source: EP)  
**C22B 1/20** (2013.01); **F27B 21/06** (2013.01); **F27D 17/004** (2013.01)

Citation (search report)  

- No further relevant documents disclosed
- See references of WO 2018101530A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3550038 A1 20191009**; **EP 3550038 A4 20191113**; **EP 3550038 B1 20230405**; CN 110050078 A 20190723; JP 2020513528 A 20200514; WO 2018101530 A1 20180607

DOCDB simple family (application)  
**EP 16923032 A 20161216**; CN 201680091328 A 20161216; JP 2019528822 A 20161216; KR 2016014844 W 20161216