

Title (en)
HOT-BLAST STOVE CONSTRUCTION METHOD

Title (de)
KONSTRUKTIONSVERFAHREN FÜR WINDERHITZER

Title (fr)
PROCÉDÉ DE CONSTRUCTION D'UN FOYER À AIR CHAUD

Publication
EP 3031933 B1 20181128 (EN)

Application
EP 14835034 A 20140612

Priority
• JP 2013163520 A 20130806
• JP 2014065563 W 20140612

Abstract (en)
[origin: EP3031933A1] In a method of constructing a hot-blast stove, the hot-blast stove includes a furnace body including a furnace shell (4) and a lining (5) formed inside the furnace shell (4), in which the lining (5) includes a castable refractory (51) installed inside the furnace shell (4), heat-insulating bricks (52) installed inside the castable refractory (51), and fire bricks (53) installed inside the heat-insulating brick (52). The method of constructing the hot-blast stove includes: installing the heat-insulating bricks (52) and the fire bricks (53) inside the furnace shell (4) at an interval from the furnace shell (4); injecting the castable refractory (51) between the furnace shell (4) and the heat-insulating bricks (52); and solidifying the castable refractory (51).

IPC 8 full level
C21B 9/06 (2006.01); **F27D 1/16** (2006.01)

CPC (source: EP RU)
C21B 9/06 (2013.01 - EP); **F27D 1/1626** (2013.01 - EP); **C21B 9/06** (2013.01 - RU)

Cited by
CN111649588A

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