Title (en)
RING BLOCK CONVEYING APPARATUS, AND REMEDY METHOD FOR BLAST FURNACE CASING

Title (de)
RINGBLOCKFÖRDERVORRICHTUNG SOWIE REPARATURVERFAHREN FÜR EIN GASVERBRENNUNGSOFENGEHÄUSE

Title (fr)
APPAREIL DE TRANSPORT DE BLOC ANNULAIRE ET PROCÉDÉ DE RÉPARATION POUR ENCEINTE DE HAUT FOURNEAU

Publication
EP 2172569 A1 20100407 (EN)

Application
EP 08827140 A 20080805

Priority
• JP 2008064001 W 20080805
• JP 2007207734 A 20070809

Abstract (en)
A ring block transporter and method of relining a furnace body of a blast furnace with use of no dolly are provided. The method includes: preparing a transport route (20) extending from an installation site (2) to a work site and a transportation platform (30) being slidable on the transport route (20) and having a placement surface (31) on its top surface; separating a hearth block by horizontally cutting a base (4) portion of the furnace body (3) at a height of the placement surface (31) and horizontally cutting a portion of the furnace body (3) between an upper portion (7) of the furnace body (3) and the hearth block; transferring the hearth block (6) onto the placement surface (31) by horizontally moving the hearth block (6); and transporting the transportation platform (30) upon which the hearth block (6) is placed to the work site along the transport route (20).

IPC 8 full level
C21B 7/02 (2006.01); C21B 7/00 (2006.01)

CPC (source: EP KR)
C21B 7/00 (2013.01 - EP KR); C21B 7/02 (2013.01 - EP)

Cited by
EP3029159A4

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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EP 08827140 A 20080805; BR PI0811412 A 20080805; CN 200880017698 A 20080805; ES 08827140 T 20080805; JP 2008064001 W 20080805; JP 2008196528 A 20080730; KR 20097024508 A 20080805; PL 08827140 T 20080805