

Title (en)
BLAST FURNACE REPAIR METHOD

Title (de)
HOCHOFEN-REPARATURVERFAHREN

Title (fr)
PROCÉDÉ DE RÉPARATION DE HAUT FOURNEAU

Publication
EP 3029159 B1 20180509 (EN)

Application
EP 14832291 A 20140729

Priority
• JP 2013158324 A 20130730
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• JP 2014069944 W 20140729

Abstract (en)
[origin: EP3029159A1] A method for revamping a blast furnace that has a furnace body and a furnace body tower installed on a site foundation includes: while an old blast furnace is in operation (S1), a new furnace construction step (S2) of constructing a new furnace tower structure and a new furnace proper on the new foundation at a site different from the site foundation; and a foundation segmentation step (S3) of vertically cutting the site foundation to segment the site foundation into a foundation top on which the old furnace proper and the old furnace tower structure are mounted and a foundation bottom; blowing out the blast furnace (S4); an old furnace pull-out step (S5) of carrying out the foundation top integrally with the old furnace proper and the old furnace tower structure; and a new furnace pull-in step (S6) of introducing the new foundation on the foundation bottom integrally with the new furnace tower structure and the new furnace proper.

IPC 8 full level
C21B 7/00 (2006.01)

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