

Title (en)
Installation for mounting and dismantling of tuyere cooler castings of shaft furnaces.

Title (de)
Vorrichtung zum Montieren und Demontieren von Blasformkästen in Schachttöfen.

Title (fr)
Dispositif de montage et de démontage de tympes de four à cuve.

Publication
EP 0464419 B1 19950830 (FR)

Application
EP 91109680 A 19910613

Priority
LU 87758 A 19900629

Abstract (en)
[origin: EP0464419A2] The installation comprises a gripper (44) with retractable claws (40) which are engageable through the tuyere (26) and manoeuvring means which run through the gripper and are manoeuvrable from the outside for deploying or retracting the claws (40) radially in relation to the axis of the tuyere (26). The gripper (44) and its manoeuvring means are supported by a yoke (30) designed to be adapted to the external edge of the vault (24) and to be associated with a conventional pneumatic bolt-firing tool which is capable of being adapted to the outside of the yoke (30) either on extensions of the claws (40) or on the manoeuvring means in order to exert via its rotation and its support on the yoke (30) a traction force on the claws of the gripper. <IMAGE>

IPC 1-7
C21B 7/16; **F27B 1/16**

IPC 8 full level
C21B 7/16 (2006.01); **F27B 1/16** (2006.01)

CPC (source: EP US)
C21B 7/166 (2013.01 - EP US); **F27B 1/16** (2013.01 - EP US); **Y10T 29/53835** (2015.01 - EP US); **Y10T 29/53857** (2015.01 - EP US); **Y10T 29/53861** (2015.01 - EP US)

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EP 0464419 A2 19920108; **EP 0464419 A3 19920805**; **EP 0464419 B1 19950830**; AT E127161 T1 19950915; AU 639800 B2 19930805; AU 7943391 A 19920102; BR 9102778 A 19920204; CA 2045915 A1 19911230; CA 2045915 C 20020312; DE 69112509 D1 19951005; DE 69112509 T2 19960321; ES 2078996 T3 19960101; LU 87758 A1 19920115; US 5203063 A 19930420; ZA 914578 B 19920429

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