

Title (en)  
INSTALLATION FOR LINING THE INNER WALL OF A VESSEL

Publication  
**EP 0263979 B1 19901017 (FR)**

Application  
**EP 87113282 A 19870911**

Priority  
LU 86619 A 19861003

Abstract (en)  
[origin: US4787796A] The apparatus comprises an operating station with a rotary work platform, a non-rotary supporting stage supporting the work platform by means of a first bearing, a robot for laying the bricks, a monitoring booth, a device for raising and lowering brick pallets and at least one automatic brick-depalletizing mechanism for transferring the bricks from the pallets towards a stand-by station. This stand-by station comprises a turret which can contain a reserve of bricks of different types and which is supported by the stage by means of a second bearing, so as to be rotatable independently of the stage and the platform about the vertical axis of the vessel. The apparatus is particularly well suited for repairing metallurgical converters.

IPC 1-7  
**C21C 5/44**

IPC 8 full level  
**B28B 11/02** (2006.01); **C21C 5/44** (2006.01); **F27D 1/16** (2006.01)

CPC (source: EP US)  
**C21C 5/441** (2013.01 - EP US); **F27D 1/1621** (2013.01 - EP US)

Cited by  
CN108999419A; FR2638774A1; BE1003577A3; CN111794527A

Designated contracting state (EPC)  
AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0263979 A1 19880420; EP 0263979 B1 19901017**; AT E57540 T1 19901115; BR 8705191 A 19880524; CA 1296523 C 19920303; DE 3765612 D1 19901122; ES 2018804 B3 19910516; JP 2584244 B2 19970226; JP S6391485 A 19880422; LU 86619 A1 19880503; TR 23013 A 19890116; US 4787796 A 19881129

DOCDB simple family (application)  
**EP 87113282 A 19870911**; AT 87113282 T 19870911; BR 8705191 A 19870916; CA 545659 A 19870828; DE 3765612 T 19870911; ES 87113282 T 19870911; JP 23359287 A 19870917; LU 86619 A 19861003; TR 64487 A 19870917; US 10431387 A 19871002