

Title (en)  
Mark printing apparatus.

Title (de)  
Druckgerät für Markierungen.

Title (fr)  
Appareil d'impression de marque.

Publication  
**EP 0516104 A2 19921202 (EN)**

Application  
**EP 92108982 A 19920527**

Priority  
JP 7199891 U 19910529

Abstract (en)  
It is an object of the present invention to provide an apparatus for printing a desired mark on the surface of a sanitary earthenware product. The apparatus is combined with a working robot so as to automate and ensure the work of printing a mark and to print a mark at a constant position. The apparatus comprises a seal holding portion 3 for holding by suction the rear side of a mount 6 of a printing seal 5 having a mark portion 7 separated by heating and provided on the surface thereof, and a driving portion 2 for forwardly and backwardly moving the seal holding portion 3, the seal holding portion 3 being provided with a heater 8 for heating the mark portion 7 of the printing seal 5 held by suction from the rear side of the mount 6. <IMAGE>

IPC 1-7  
**B41M 1/34; B65C 9/14; B65C 9/24; G06K 1/12**

IPC 8 full level  
**B44C 1/17** (2006.01); **B28B 11/00** (2006.01); **B28B 17/00** (2006.01); **B41M 1/34** (2006.01); **C04B 41/86** (2006.01)

CPC (source: EP)  
**B28B 11/00** (2013.01); **B28B 17/00** (2013.01); **B41M 1/34** (2013.01)

Cited by  
CN108438401A

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 0516104 A2 19921202; EP 0516104 A3 19930804; EP 0516104 B1 19960911**; DE 69213556 D1 19961017; DE 69213556 T2 19970123;  
JP H04135933 U 19921217

DOCDB simple family (application)  
**EP 92108982 A 19920527**; DE 69213556 T 19920527; JP 7199891 U 19910529