

Title (en)  
CLEANING AND SEALING STATION FOR A PRINTING HEAD

Title (de)  
REINIGUNGS- UND ABDICHTUNGSSTATION FÜR EINEN TINTENSTRAHLKOPF

Title (fr)  
POSTE DE NETTOYAGE ET D'OBTURATION POUR TÊTE D'IMPRESSION

Publication  
**EP 0799135 A1 19971008 (EN)**

Application  
**EP 95937215 A 19951121**

Priority

- NL 9500397 W 19951121
- NL 9401941 A 19941121

Abstract (en)  
[origin: WO9615908A1] A cleaning and sealing station (CSS) (1) for a printing head (400) comprises a cap unit (100) provided with sealing chambers (110), and means (112) for establishing a sealing contact between the sealing chamber (110) and the printing head (400). For cleaning a main surface (403) of each printing head (400), the CSS (1) comprises a wiping member (302) slidably mounted relative to the cap unit (100), in such a manner that during a displacement, the wiping member (302) moves along the front of the sealing chamber (110). Further, guide means (3, 4, 5) are provided for displacing the CSS (1) in a direction (P2) perpendicular to the top face (104) of the cap unit (100), the sealing chambers (110) comprise aeration valves (120), and means are provided to ensure that the aeration valves (120) are opened before the sealing chambers (110) move away from the printing heads (400).

IPC 1-7  
**B41J 2/165**

IPC 8 full level  
**B41J 2/165** (2006.01)

CPC (source: EP)  
**B41J 2/16538** (2013.01); **B41J 2/16588** (2013.01)

Citation (search report)  
See references of WO 9615908A1

Cited by  
DE102005052151B3; DE19921621C1; DE102005052150B4; DE102005052150A1; DE202014102697U1; EP2127881A1; EP2353869A1; US8591001B2; EP1782954A1; US7708376B2; US7645021B2; EP1782955A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9615908 A1 19960530**; AT E177686 T1 19990415; DE 69508432 D1 19990422; DE 69508432 T2 19991028; EP 0799135 A1 19971008; EP 0799135 B1 19990317; NL 9401941 A 19960701

DOCDB simple family (application)  
**NL 9500397 W 19951121**; AT 95937215 T 19951121; DE 69508432 T 19951121; EP 95937215 A 19951121; NL 9401941 A 19941121