

Title (en)  
MULTILAYER INK WRITING HEAD

Publication  
**EP 0326568 B1 19900822 (DE)**

Application  
**EP 87906568 A 19871013**

Priority  
• DE 3635292 A 19861016  
• DE 3710654 A 19870331

Abstract (en)  
[origin: WO8802698A1] A multilayer ink writing head, in which each writing nozzle (27) is linked by a channel (20) to a pressure chamber (17), is composed of a sandwich ink head that is separately produced and made of several superimposed plates arranged to mate with the ink channels and fixed to each other by a diffusion welding process. One side of the sandwich ink head is formed by the membrane plate (14) and the other side by the nozzle plate (26). A receiving part with an integrated ink supply serves as a mounting element for the sandwich ink head. All ink-receiving recesses of the sandwich ink head are formed by through-holes in the individual plates.

IPC 1-7  
**B41J 2/16; B41J 2/17**

IPC 8 full level  
**B41J 2/175** (2006.01); **B41J 2/045** (2006.01); **B41J 2/055** (2006.01); **B41J 2/155** (2006.01); **B41J 2/16** (2006.01); **B41J 2/17** (2006.01)

CPC (source: EP)  
**B41J 2/155** (2013.01); **B41J 2002/14459** (2013.01)

Cited by  
US5845380A; EP2196315A1; US5592203A; US5802687A; US5714078A; US5825382A; US5752303A; US6070972A; US7980447B2; US8152045B2; US8505803B2

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**WO 8802698 A1 19880421**; AU 8072687 A 19880506; DE 3764474 D1 19900927; EP 0326568 A1 19890809; EP 0326568 B1 19900822; JP H02500732 A 19900315

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