

Title (en)  
Ink-jet printhead

Title (de)  
Tintenstrahldruckkopf

Title (fr)  
Tête d'impression à jet d'encre

Publication  
**EP 0752312 A1 19970108 (EN)**

Application  
**EP 96201789 A 19960626**

Priority  
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Abstract (en)  
Ink-jet printhead comprising a plurality of nozzles (12) and ink channels (16) arranged side by side, each nozzle being connected to an ink reservoir (14) via its associated ink channel, and a plurality of electromechanical transducers (40; 40') respectively associated with each ink channel for pressurizing the ink liquid therein, so that an ink droplet is expelled from the nozzle, characterized by active means (36, 38; 38') which compensate the effect of the reaction force of each transducer by energizing at least one other transducer (40, 44, 46; 40'). <IMAGE>

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**B41J 2/045**

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Citation (search report)  
• [A] EP 0063921 A1 19821103 - XEROX CORP [US]  
• [A] WO 9206848 A1 19920430 - XAAR LTD [GB]  
• [A] US 5266965 A 19931130 - KOMAI HIROMICHI [JP], et al  
• [A] US 4887100 A 19891212 - MICHAELIS A JOHN [US], et al

Cited by  
EP1518684A1; EP1036660A1; EP0913260A3; US7665831B2; US6179413B1; WO2008044069A1; US7322663B2; US8191982B2

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