

Title (en)  
INK JET DOT PRINTING HEAD

Publication  
**EP 0185652 B1 19890524 (EN)**

Application  
**EP 86200146 A 19820719**

Priority  
• EP 86200146 A 19820719  
• IT 6809381 A 19810804

Abstract (en)  
[origin: EP0185652A2] The head comprises a tube (24) for ejecting ink through a nozzle (54), when a transducer (36) is operated. The tube (24) is connected to an ink reservoir (31) by a flexible tube (30), which is longer than the distance between the tube (24) and the reservoir (31). The tube (30) is wound on a drum (130) in an arrangement which optimises the utilisation of space by the tube (30). When the head comprises more than one ink ejecting tube (24), each having a respective, ink conducting tube (30), each tube may be wound around the drum (130) for one and a half turns between diametrically opposite positions on the circumference of the drum, so that each half turn of the drum left free by one tube (30) is occupied by the first half turn of an adjacent tube (30). This arrangement minimises the axial length of the drum occupied by the tubes (30).

IPC 1-7  
**B41J 3/04**

IPC 8 full level  
**B41J 2/07** (2006.01); **B41J 2/13** (2006.01); **B41J 2/155** (2006.01); **B41J 2/175** (2006.01)

CPC (source: EP)  
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