

Title (en)  
Actuator unit

Title (de)  
Antriebseinheit

Title (fr)  
Organe d'actionnement

Publication  
**EP 0987111 B1 20020918 (EN)**

Application  
**EP 99124227 A 19961108**

Priority  
• EP 96117927 A 19961108  
• JP 31722495 A 19951110  
• JP 27709596 A 19960927

Abstract (en)  
[origin: EP0985536A1] The invention relates to an ink jet type recording head which comprises a plurality of head units (40, 41), each said head unit comprising a plurality of pressure generating means (7, 8, 65, 65'), and a plurality of pressure generating chambers (2, 3) for pressurizing ink through actuation of said pressure generating means (7, 8), the plurality of head units (40, 41) housing said plurality of pressure generating chambers (2, 3). The recording head furthermore comprises a flow passage unit (85) including a base board (73) on which said head units are arranged, and a nozzle plate (72) including nozzle opening lines (70, 71). On the base board (73) there are provided reservoirs (74, 74') and nozzle communication holes (75, 76, 75', 76') for feeding ink in accordance with the actuator units (65, 65') to nozzle openings which are provided in nozzle opening lines (70, 71) of a nozzle plate (72) underlying the base board (73). The reservoirs are U shaped and arranged such that the arms of each U sandwich the lines of the nozzle communication holes (75, 76, 75', 76'). <IMAGE>

IPC 1-7  
**B41J 2/14**

IPC 8 full level  
**B41J 2/14** (2006.01); **B41J 2/145** (2006.01); **B41J 2/155** (2006.01)

CPC (source: EP)  
**B41J 2/14233** (2013.01); **B41J 2/14274** (2013.01); **B41J 2/145** (2013.01); **B41J 2/155** (2013.01); **B41J 2002/14362** (2013.01); **B41J 2002/14419** (2013.01); **B41J 2202/19** (2013.01); **B41J 2202/20** (2013.01)

Cited by  
CN110091592A

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0985536 A1 20000315**; **EP 0985536 B1 20020925**; EP 0987111 A2 20000322; EP 0987111 A3 20000412; EP 0987111 B1 20020918

DOCDB simple family (application)  
**EP 99124228 A 19961108**; EP 99124227 A 19961108