

Title (en)  
PRINTING ELEMENT WITH TYPE-CARRYING WHEEL CONTAINED IN A CARTRIDGE

Publication  
**EP 0013300 B1 19820505 (FR)**

Application  
**EP 79104063 A 19791019**

Priority  
US 96832078 A 19781211

Abstract (en)  
[origin: EP0013300A1] 1. A detachable print element for a print hammer printer, of the type comprised of a print wheel (2) with radially-extended type petals (27) and a cartridge (1) enclosing almost completely the print wheel (2), the latter being axially mobile in cartridge (1) and being flexibly urged by a spring (48) to one (6) of the sides of cartridge (1), said print element being characterized in that : said side (6) of the cartridge (1) has an asymmetrical-shaped orientation opening (7) and the side of print wheel (2) adjacent thereto includes an orientation protrusion (29) of a shape complementary to that of said orientation opening (7) and facing the latter, said orientation protrusion (29) being intended to come into engagement with said orientation opening (7) under the influence of said spring (48), thereby latching print wheel (2) inside the cartridge (1) into a predetermined invariable angular position about its axis when the print element is not used for printing, said orientation protrusion (29) being released from said orientation opening (7) when the print wheel (2) is withdrawn from said side (6) of the cartridge for printing.

IPC 1-7  
**B41J 1/30**

IPC 8 full level  
**B41J 1/24** (2006.01); **B41J 1/30** (2006.01)

CPC (source: EP)  
**B41J 1/246** (2013.01)

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**EP 0013300 A1 19800723; EP 0013300 B1 19820505**; AU 526345 B2 19830106; AU 5303379 A 19800619; BR 7908070 A 19800722; CA 1128449 A 19820727; DE 2962729 D1 19820624; ES 486711 A1 19800616; IT 1165390 B 19870422; IT 7927737 A0 19791130; JP H0151345 B2 19891102; JP S5579158 A 19800614; MA 18622 A1 19800701

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