

Title (en)
PRINT DISC CARTRIDGE

Publication
EP 0013346 B1 19811209 (FR)

Application
EP 79104892 A 19791204

Priority
US 96832178 A 19781211

Abstract (en)
[origin: ES486350A1] A cartridge for housing a daisy wheel print element during printing use and non-use. The cartridge has a front, sides, and a back, and is structured to substantially enclose the print element. Included in the makeup of the cartridge are (1) a slot in the top of the front for accommodating a print hammer during printing operations, (2) an orientation opening generally centralized within the front to accept a matching orientation protrusion carried by the print element, (3) a loading opening in the bottom for insertion and removal of the print element, (4) a card holder carried by the top of the back, (5) a ribbon guide carried by the top of the front, and (6) a center bowed leaf spring located within the cartridge. The lower end of the spring acts against the lower inside of the back and the bow acts against the inside of the front adjacent the orientation opening. As such, a ramp is provided for camming the orientation protrusion toward the orientation opening during insertion of the print element into the cartridge. Upon engagement of the orientation opening and orientation protrusion, the spring then serves to maintain the print element latched in a desired rotational position.

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B41J 1/30

IPC 8 full level
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EP 0013346 A1 19800723; EP 0013346 B1 19811209; AU 5254779 A 19800619; AU 527731 B2 19830317; BR 7908073 A 19800722; CA 1122145 A 19820420; DE 2961565 D1 19820204; ES 486350 A1 19800916; IT 1163740 B 19870408; IT 7927735 A0 19791130; JP S5579159 A 19800614; JP S605191 B2 19850208; US 4264221 A 19810428

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