

Title (en)  
Impact printers.

Title (de)  
Anschlagdrucker.

Title (fr)  
Imprimantes à impact.

Publication  
**EP 0490643 B1 19950719 (EN)**

Application  
**EP 91311480 A 19911210**

Priority  
US 62556990 A 19901211

Abstract (en)  
[origin: EP0490643A2] An impact printer (10) including a platen (18), a carriage (32) mounted for reciprocating movement generally parallel to the platen, a rotatable print element (50) having character imprinting portions disposed thereon, the characters being assigned a class designation according to their imprinting area, a print element selector for moving the print element to position a selected character portion at a printing position, a hammer (82) for driving the character portions to deform the platen, and means for driving the hammer toward and away from the platen. Different impact speeds are assigned to the hammer in accordance with the character portion class designations. The rate of hammer displacement is varied as it is moved from a home position to an impact position so that the hammer initially moves through a first region at an increasing speed and subsequently moves through a second region at a substantially-constant speed. A counter is incremented periodically in response to the hammer movement for determining the instantaneous location and speed of the hammer, and the counter is reset with a predetermined count, notwithstanding the actual count, at a location within the second region. <IMAGE>

IPC 1-7  
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IPC 8 full level  
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CPC (source: EP)  
**B41J 9/44** (2013.01)

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