

Title (en)

Thermal dot printer.

Title (de)

Thermischer Punktdrucker.

Title (fr)

Imprimante thermique par points.

Publication

EP 0640487 A3 19961204 (EN)

Application

EP 94113071 A 19940822

Priority

- JP 20912893 A 19930824
- JP 22168293 A 19930907
- JP 22168393 A 19930907
- JP 24924293 A 19931005

Abstract (en)

[origin: EP0640487A2] A thermal dot printer controls energy applied to individual heat generating members (101) to control the amount of heat generated by the heat generating members (101), thereby controlling the ink melting area on an ink ribbon, and transfers the melted ink on a paper to print a gradation image on the paper. The size L_m of each heat generating element (101) in the main scanning direction and the arranging pitch DOP_m of the heat generating elements (101) in the main scanning direction have a relationship of $L_m \leq DOP_m \times (2/3)$, while the size L_s of each heat generating element (101) in the sub scanning direction has a relationship of $L_m < L_s \leq DOP_s$ with respect to the pitch DOP_s in the sub scanning direction and the size L_m of the heat generating elements (101) in the main scanning direction. <IMAGE>

IPC 1-7

B41J 2/345

IPC 8 full level

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CPC (source: EP KR)

B41J 2/345 (2013.01 - EP KR); **B41J 2/3351** (2013.01 - KR); **B41J 2/36** (2013.01 - KR)

Citation (search report)

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DE FR GB NL

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