

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)

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DOCDB simple family (publication)

**EP 0640487 A2 19950301**; **EP 0640487 A3 19961204**; KR 950005558 A 19950320; TW 241430 B 19950221

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