

Title (en)  
A thermal head apparatus.

Title (de)  
Thermischer Drucker.

Title (fr)  
Imprimante thermique.

Publication  
**EP 0072494 A2 19830223 (EN)**

Application  
**EP 82107042 A 19820804**

Priority  
JP 12754681 A 19810814

Abstract (en)  
A thermal head which comprises a plurality of heating resistor strips (14, 16) arranged in a main scanning direction on an insulator layer (10). Each heating resistor strip (14, 16) includes a plurality of resistor pieces (261, 262, ..., 281, 282, ...) aligned in a main scanning direction. The resistor piece (261, 262, ..., 281, 282, ...) of each heating resistor strip (14, 16) is displaced in a main scanning direction so as not to be superposed in the subscanning direction. The resistor pieces (261, 262, ..., 281, 282, ...) of each heating resistor strip (14, 16) are supplied with currents in response to bit data at a predetermined timing and are thus heated to obtain a line of recording dots for a main scanning line.

IPC 1-7  
**B41J 3/20**

IPC 8 full level  
**B41J 2/345** (2006.01); **B41J 2/35** (2006.01); **H04N 1/032** (2006.01)

CPC (source: EP)  
**B41J 2/35** (2013.01)

Cited by  
EP0115841A3; KR100867026B1; EP0134022A3; DE102008036470A1

Designated contracting state (EPC)  
BE DE FR GB IT NL

DOCDB simple family (publication)  
**EP 0072494 A2 19830223; EP 0072494 A3 19850417; EP 0072494 B1 19870325**; DE 3275822 D1 19870430; JP S5829685 A 19830221

DOCDB simple family (application)  
**EP 82107042 A 19820804**; DE 3275822 T 19820804; JP 12754681 A 19810814