

Title (en)
THERMAL RECORDING HEAD

Publication
EP 0429002 A3 19911127 (EN)

Application
EP 90121860 A 19901115

Priority
JP 30044189 A 19891117

Abstract (en)
[origin: EP0429002A2] A thermal recording head includes a pair of electrode fine wires (10, 20) and a resistance heating element (50). A peripheral surface of each electrically conductive core (30) of the fine wires is covered with an insulating layer (40). Each electrode fine wire in the pair of fine wires is arranged to form each line while end surfaces of the pair of fine wires confront each other through a space. Instead, the pair of fine wires are arranged to form a line while end surfaces of the pair of fine wires are lined up with each other. The element is electrically connected the cores exposed at the end surfaces of the pair of fine wires with each other to apply a signal current to the pair of fine wires, and generates heat in correspondence with the current.

IPC 1-7
B41J 2/345

IPC 8 full level
B41J 2/345 (2006.01)

CPC (source: EP KR)
B41J 2/335 (2013.01 - KR); **B41J 2/345** (2013.01 - EP)

Citation (search report)

- [Y] PATENT ABSTRACTS OF JAPAN vol. 9, no. 142 (M-388)(1865) June 18, 1985 & JP-A-60 23 056 (SUWA SEIKOSHA K.K.) February 5, 1985
- [Y] PATENT ABSTRACTS OF JAPAN vol. 6, no. 163 (M-152)(1041) August 26, 1982 & JP-A-57 80 073 (ALPS DENKI K.K.) May 19, 1982
- [Y] PATENT ABSTRACTS OF JAPAN vol. 11, no. 302 (M-629)(2749) October 2, 1987 & JP-A-62 95 238 (SEIKO EPSON CORP) May 1, 1987
- [A] PATENT ABSTRACTS OF JAPAN vol. 5, no. 189 (M-99)(861) November 28, 1981 & JP-A-56 109 767 (RICOH K.K.) August 31, 1981
- [A] PATENT ABSTRACTS OF JAPAN vol. 10, no. 301 (M-525)(2357) October 14, 1986 & JP-A-61 114 860 (SEIKO EPSON CORP) June 2, 1986

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