

Title (en)

Optical printer head

Title (de)

Optischer Druckkopf

Title (fr)

Tête d'impression optique

Publication

EP 1038684 A1 20000927 (EN)

Application

EP 00302399 A 20000323

Priority

JP 7793599 A 19990323

Abstract (en)

An optical printer head including a plurality of light sources (1,2) which is capable of providing a distinct image free of colour shade and colour fading. ion-like lights different in luminous colour emitted from a plurality of fluorescent luminous tubes (1,2) acting as the light sources are guided to a common equi-magnification image formation element (12) using a dichroic optical element (10), so that they are superposed on each other on a record medium (7) while being kept aligned with each other, resulting in an image being formed on the record medium (7). The optical members (1,2) are so arranged that optical path lengths of the dot-like lights different in luminous colour may be rendered substantially equal to each other.
<IMAGE>

IPC 1-7

B41J 2/447; **B41J 2/525**; **G02B 26/10**

IPC 8 full level

H04N 1/036 (2006.01); **B41J 2/44** (2006.01); **B41J 2/447** (2006.01); **B41J 2/45** (2006.01); **B41J 2/525** (2006.01)

CPC (source: EP KR)

B41J 2/435 (2013.01 - KR); **B41J 2/4476** (2013.01 - EP); **B41J 2/451** (2013.01 - EP); **B41J 2/525** (2013.01 - EP)

Citation (search report)

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- [XY] PATENT ABSTRACTS OF JAPAN vol. 015, no. 374 (M - 1160) 20 September 1991 (1991-09-20)

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