

Title (en)

Multi-usable heat transfer ink ribbon.

Title (de)

Wiederverwendbares wärmeempfindliches Farbstoffübertragungsband.

Title (fr)

Ruban encre réutilisable pour le transfert thermique.

Publication

EP 0354293 A2 19900214 (EN)

Application

EP 89100223 A 19890107

Priority

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Abstract (en)

A multi-usable heat transfer ink ribbon comprising a foundation, and a heat transfer ink layer provided on one surface of the foundation, said heat transfer ink layer having a melt index of $4 \times 10^{<2>}$ to $2.5 \times 10^{<3>}$ g/10 min. at 190 DEG C and containing a vehicle and 3×10 to 6×10 % by volume of a nonthermoplastic powder dispersed in a nonagglomerative state, wherein said heat transfer ink layer is capable of being melted or softened to be transferred to a receiving medium in increments relative to the thickness direction of the ink layer upon heating by means of a heating head. The multi-usable heat transfer ink ribbon, though the whole of the ink layer is transferable by incorporating into the ink layer no nontransferable material which hinders the transfer of the ink, can give printed images having the same clearness as that of the printed image obtained by the initial printing even after the ribbon is repeatedly used multiple times for printing.

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IPC 8 full level

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CPC (source: EP KR)

B41J 31/05 (2013.01 - KR); **B41M 5/38214** (2013.01 - EP); **B41M 5/392** (2013.01 - EP)

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