

Title (en)
MULTIPLE USE RECORDING MATERIALS FOR THERMAL TRANSFER

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Application
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Abstract (en)
[origin: EP0354122A1] The invention relates to a recording material using multipass thermal transfer, comprising a bottom support coated with at least one layer of a thermofusible ink which has a melting temperature in the range from 50 to 90°C and comprising at least one colouring substance and a thermofusible carrier for this colouring substance, characterised in that the ink contains from 15 to 50%, relative to the weight of the ink, of at least one thermal transfer polymer resin mixed homogeneously with the other constituents of the ink, having a softening point of between 60 and 130°C, a tensile strength of less than 8N/mm² at 20°C, an elongation of between 0.04 and 6 m/m, a melt viscosity of less than 5 Pa s at 200°C and an adhesiveness to the bottom support such that, at the temperature of thermal transfer, the force needed to detach the ink from the said support is greater than the force needed to break the internal cohesion of the ink.

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