

Title (en)

TONER TRANSFER SHEET, AS WELL AS TONER IMAGE TRANSFER AND FIXATION PROCESS USING THE SAME

Publication

EP 0054137 B1 19850116 (DE)

Application

EP 81108696 A 19811022

Priority

DE 3046877 A 19801212

Abstract (en)

[origin: EP0054137A1] 1. A toner transfer film for picking up a toner image from a toner-treated surface and then fixing the transferred toner image, which consists essentially of A. a clear, transparent base having a thickness of about 70 to 205 μm and B. a layer, firmly anchored thereto, which is also clear and transparent and is capable of picking up the toner image, which layer is solid and substantially colorless, has a temporary slight surface tack at least under the conditions of toner image transfer, which surface tack disappears when the toner transfer film is aftertreated, has a thickness of about 0,8 to 90 μm and consists of (1) 35 to 75% by weight, based on the sum of the components of layer B, of at least one polymeric and/or prepolymeric binder, (2) 20 to 64.9% by weight, based on the sum of the components of layer B, of at least one low molecular weight, ethylenically unsaturated polymerizable compound having a boiling point above 100 degrees C at atmospheric pressure, (3) from 0.1 to 10% by weight, based on the sum of the components of layer B, of a mixture of at least one polymerization initiator that can be activated by heat, and of at least one polymerization initiator that can be activated by light, which initiators form free radicals, and (4) from 0 to 30% by weight, based on the sum of the components of layer B, of additives.

IPC 1-7

G03G 7/00; **G03G 13/16**

IPC 8 full level

G03G 15/16 (2006.01); **G03G 7/00** (2006.01); **G03G 11/00** (2006.01); **G03G 13/16** (2006.01); **G03G 15/20** (2006.01)

CPC (source: EP)

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