

Title (en)

WATER-BASED TRANSPARENT IMAGE RECORDING SHEET FOR PLAIN PAPER COPIERS

Title (de)

WÄSSRIGES, DURCHSICHTIGES BILDAUFZEICHNUNGSBLATT FÜR EINE MIT NORMALEM PAPIER ARBEITENDE KOPIERMASCHINE

Title (fr)

FEUILLE TRANSPARENTE A BASE D'EAU POUR L'IMPRESSION D'IMAGES, DESTINEE A DES PHOTOCOPIEURS A PAPIER ORDINAIRE

Publication

EP 0792319 A1 19970903 (EN)

Application

EP 95937553 A 19951010

Priority

- US 9513520 W 19951010
- US 34209894 A 19941118

Abstract (en)

[origin: WO9616120A1] A transparent image receptor for use in a copying application comprising a transparent polymeric substrate, having coated on at least one major surface thereof, a toner receptive layer comprising: a) from 55 to 95 parts of a transparent film forming imageable polymer; b) from 5 to 10 parts of at least one lubricating agent selected from the group consisting of mono-substituted poly(oxyethylenes) and poly-substituted poly(oxyethylene), wherein said mono-substituted poly(oxyethylene) is represented by general formula (I), wherein n is an integer ranging from 5 to 200; and R is an alkylether, said alkyl group can be straight chained or branched, having from 6 to 25 carbon atoms; and poly-substituted poly(oxyethylenes) is represented by formula (II), wherein X and Y are integers, and X ranges from 50 to 500, and Y ranges from 1 to 4; and R1, R2, and R3 are alkyl groups, straight chained or branched, R1 having from 10 to 15 carbons, and R2 having from 10 to 24, and R3 having from 5 to 40 carbons; c) from 1 to 15 parts of at least one polymeric particle; and d) from 0 to 20 parts of an antistatic agent selected from the group consisting of cationic agents, anionic agents, and mixtures thereof.

IPC 1-7

C08L 33/06; **C08L 51/00**; **G03G 7/00**

IPC 8 full level

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