

Title (en)

COATING CONTAINING AT LEAST ONE HYDROXYL GROUP-CONTAINING POLYESTER, PROCESS FOR PREPARING THE SAME AND ITS USE AS BASE LACQUER AND IN A PROCESS FOR PRODUCING A MULTILAYERED PROTECTIVE AND/OR DECORATIVE COATING

Title (de)

ÜBERZUGSMITTEL ENTHALTEND MINDESTENS EINEN HYDROXYLGRUPPENHALTIGEN POLYESTER, VERFAHREN ZU SEINER HERSTELLUNG SOWIE DESSEN VERWENDUNG ALS BASISLACK UND IN VERFAHREN ZUR HERSTELLUNG EINES MEHRSCICHTIGEN, SCHÜTZENDEN UND/ODER DEKORATIVEN ÜBERZUGES

Title (fr)

AGENT DE REV TEMENT CONTENANT AU MOINS UN POLYESTER RENFERMANT DES GROUPES HYDROXYLE, SON PROCEDE DE FABRICATION ET SON UTILISATION COMME VERNIS DE BASE DANS UN PROCEDE DE FABRICATION D'UN REVETEMENT MULTICOUCHE POUR LA PROTECTION ET/OU LA DECORATION

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Application

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Abstract (en)

[origin: CA2168451A1] Coating composition based on polyesters which contain hydroxyl groups, process for the preparation, and its use as basecoat in the process for the production of a multicoat protective and/or decorative coating. The present invention relates to coating compositions, especially basecoats, comprising at least one hydroxyl group-containing polyester, characterized in that 1. the hydroxyl group-containing polyester has a weight-average molecular weight Mw of 40,000-200,000 and a polydispersity Mw/Mn > 8, and 2. at least 50% by weight of aromatic dicarboxylic acids or their esterifiable derivatives have been employed for the preparation of the polyester, but with the maximum content of phthalic anhydride being 80% by weight and the percentages by weight being based in each case on the overall weight of the acid components employed for the preparation of the polyester. The present invention also relates to processes for the preparation of the coating compositions and to its use as basecoat in the process for the production of a multicoat protective and/or decorative coating.

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