

Title (en)
PROCESS FOR COATING A BOARD- OR PAPER-LIKE SUBSTRATE WITH A POWDER PAINT COMPOSITION

Title (de)
VERFAHREN ZUR BESCHICHTUNG VON EINEM KARTON- ODER PAPIERÄHNLICHEN SUBSTRAT MITTELS EINER
PULVERLACKZUSAMMENSETZUNG

Title (fr)
PROCEDE D'ENDUCTION D'UN SUBSTRAT DE TYPE CARTON OU PAPIER AU MOYEN D'UNE COMPOSITION DE PEINTURE EN POUDRE

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Abstract (en)
[origin: WO9736049A1] The invention relates to a process for coating a board- or paper-like substrate with a powder paint composition. The powder paint particles are first charged by friction or induction in the presence of magnetic or non-magnetic particles, are next transported and are then applied to the substrate or applied to a transfer medium and subsequently transferred to the substrate, by means of an electric field between the substrate respectively the transfer medium and the means of transport whereafter the powder paint composition is cured or fused to obtain a powder coating and wherein the powder paint particles are based on solid particles of a radiation curable binder. Preferably, the substrate is paper or cardboard.

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Cited by
WO2018167015A1; WO2018167004A1; WO2018167009A1; EP3376298A1; EP3376299A1; EP3376292A1; EP3596555B1; WO2018167000A1; WO2018167007A1; WO2018166998A1; WO2018167020A1; WO2018167012A1; US10894892B2; US10894893B2; US10894891B2; US11499061B2; US11787960B2

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