

Title (en)

POWDER PAINT AND USE THEREOF FOR COATING THE INSIDE OF PACKAGING CONTAINERS

Title (de)

PULVERLACK UND DESSEN VERWENDUNG ZUR INNENBESCHICHTUNG VON VERPACKUNGSBEHÄLTERN

Title (fr)

PEINTURE EN POUDRE ET UTILISATION POUR LE REVETEMENT INTERIEUR DE CONTENANTS D'EMBALLAGE

Publication

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Application

EP 96939074 A 19961116

Priority

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Abstract (en)

[origin: DE19545424A1] The present invention concerns a powder paint intended in particular for coating the inside of packaging containers and characterised in that: 1) it contains at least one polyhydroxy-functional resin with a hydroxyl number between 5 and 200 mg KOH/g and at least one polyisocyanate hardener with more than one isocyanate group per molecule; and 2) it has a grain size distribution such that at least 90 wt % of the powder particles are between 1 and 60 microns in size, the maximum particle size is not greater than 100 microns, the mean particle size is between 5 and 20 microns and the steepness of the grain distribution curve at the turning point is at least 100.

IPC 1-7

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