Title (en)

METHOD FOR POWDER COATING AND POWDER FOR USE IN SAID METHOD

Title (de)

VERFAHREN ZUR PULVERBESCHICHTUNG UND IN DIESEM VERFAHREN VERWANDTES PULVER

Title (fr)

PROCEDE D'APPLICATION DE REVETEMENT PAR POUDRE, ET POUDRE UTILE A CET EFFET

Publication

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Application

EP 96927229 A 19960809

Priority

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- SE 9502795 A 19950810

Abstract (en)

[origin: WO9705963A1] A method and a powder for powder coating in which objects (2) which are to be powder coated are prepared in order to temporarily retain the powder, whereafter the powder is applied onto the object in a layer which is retained on the object until the powder, by means of melting and transformation to a solid state by means of curing, is caused to form a coating layer on the surfaces of the object. The powder is prepared in order to have a low melting and softening temperature below about 100 DEG C and preferably 60-100 DEG C, and comprises an initiator system arranged to bring the powder material to curing under the influence of electromagnetic radiation. The powder prepared in this way is heated on the object to a temperature such that it melts and forms an adherent layer on the coated surfaces of the object. Thereafter, this layer is subjected to the radiation, thus curing it to a coating layer covering the powder-coated surfaces.

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