

Title (en)
ANTI-STATICALLY COATED MOULDED BODY AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
ANTISTATISCH BESCHICHTETER FORMKÖRPER UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
CORPS MOULE A REVETEMENT ANTISTATIQUE ET PROCEDE DE FABRICATION DUDIT CORPS

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Application
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Abstract (en)
[origin: DE10311639A1] A method for the production of plastic mouldings in which a moulding is coated with a varnish containing (based on the amount of binder) 5-500 parts by weight (pts. wt.) electrically conductive metal oxide powder with an average primary particle size of 1-80 nm and a degree of aggregation of 0.01-99% and 5-500 pts. wt. inert nano-particles. A method for the production of plastic mouldings involves coating the moulding on one or more sides with a varnish system containing (a) binder(s), (b) optionally solvent(s), (c) optionally other conventional additives, (d) optionally a thickener which may be a polymeric thickener with a content of 0-20% or an oligomeric thickener with a content of 0-40% (each based on dry film; components a, c, d, e), (e) 5-500 pts. wt. (based on a) electrically-conductive metal oxide powder with an average primary particle size of 1-80 nm and a degree of aggregation of 0.01-99% and (f) 5-500 pts. wt. inert nano-particles, and then hardening the varnish. An independent claim is also included for plastic mouldings made by this method, comprising PMMA, PC, PET, PET-G, PE, PVC, ABS or PP mouldings.

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