

Title (en)  
Powder coating

Title (de)  
Pulverbeschichtung

Title (fr)  
Revêtement en poudre

Publication  
**EP 2450109 A1 20120509 (EN)**

Application  
**EP 10190536 A 20101109**

Priority  
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Abstract (en)  
The invention provides a method of applying a powder coating to a surface of objects (10), in particular heat sensitive objects. The method uses a coating powder which when heated to a first temperature (T1) assumes tacky properties, and when heated to a second temperature (T2) higher than the first temperature (T1) will cure. The method comprises applying heat to the surface of the object (10) so as to heat a first surface layer of the object to the first temperature (T1); applying the coating powder to the heated surface of the object (10); and applying heat to the surface of the object (10) so as to heat a second surface layer of the object (10) and the applied coating powder to the second temperature (T2). The method is particularly useful for powder coating objects (10) comprising heat sensitive materials such as wood, medium-density fibre board, gypsum and plastics.

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