

Title (en)  
Apparatus for drying paint

Title (de)  
Lacktrocknungsvorrichtung

Title (fr)  
Dispositif de séchage de peinture

Publication  
**EP 0851193 A3 19981111 (EN)**

Application  
**EP 97310726 A 19971222**

Priority  
GB 9626965 A 19961227

Abstract (en)  
[origin: EP0851193A2] Paint drying apparatus, for example, for a vehicle body (1) comprises an overhead travelling gantry (10) with side pillars (13 and 14) and an overhead beam (16) the gantry carries overhead heating panels (15, 17, 18) and upright heating panels on the pillars (13 and 14). The apparatus has moving parts to enable the heating panels to approach to approximately 20cm of all surfaces of the vehicle body (1), and the gantry carries a sensor which upon an initial pass produces electrical signals representative of the shape of the vehicle body (1) and transmits them to a computer adapted, on a second pass, to place the heating panels progressively into close proximity with all surfaces of the vehicle body (1) thus to effect uniform heating and to ensure even drying of the paint on all surfaces. Considerable energy savings and improved drying performance are ensured by the accurate placement of the heating panels with respect to the surface profile of the vehicle body (1). <IMAGE>

IPC 1-7  
**F26B 3/30**

IPC 8 full level  
**F26B 3/30** (2006.01)

CPC (source: EP)  
**F26B 3/30** (2013.01); **F26B 2210/12** (2013.01)

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