

Title (en)
Apparatus for drying paint

Title (de)
Lacktrocknungsvorrichtung

Title (fr)
Dispositif de séchage de peinture

Publication
EP 0851193 B1 20031022 (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)

Cited by
ITPI20130035A1; ITPD20080216A1; EP3007834A4; EP2177852A1; EP2794127A4; US6718128B2; EP1867941A1; EP1602413A3; US6731866B2; EP2184573A1; ITFI20080222A1; CN100460790C; EP2184572A1; ITFI20080220A1; US8291610B2; WO2005011878A2; US6735379B2; WO02084191A1; WO2005011878A3; WO2011154141A1; WO2005116556A1; WO02095311A1; EP1602413A2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0851193 A2 19980701; EP 0851193 A3 19981111; EP 0851193 B1 20031022; AT E252716 T1 20031115; DE 69725686 D1 20031127; GB 9626965 D0 19970212

DOCDB simple family (application)
EP 97310726 A 19971222; AT 97310726 T 19971222; DE 69725686 T 19971222; GB 9626965 A 19961227