

Title (en)

DEVICE FOR HARDENING THE COATING OF AN OBJECT, CONSISTING OF A MATERIAL THAT HARDENS UNDER ELECTROMAGNETIC RADIATION, MORE PARTICULARLY AN UV PAINT OR A THERMALLY HARDENING PAINT

Title (de)

VORRICHTUNG ZUR AUSHÄRTUNG EINER AUS EINEM MATERIAL, DAS UNTER ELEKTROMAGNETISCHER STRAHLUNG AUSHÄRTET, INSBESONDERE AUS EINEM UV-LACK ODER AUS EINEM THERMISCH AUSHÄRTENDEN LACK, BESTEHENDEN BESCHICHTUNG EINES GEGENSTANDES

Title (fr)

DISPOSITIF POUR FAIRE DURCIR UN REVETEMENT, CONSTITUE D'UN MATERIAU DURCISSANT PAR RAYONNEMENT ELECTROMAGNETIQUE, NOTAMMENT D'UNE PEINTURE UV OU D'UNE PEINTURE A DURCISSEMENT THERMIQUE, D'UN OBJET

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Abstract (en)

[origin: WO2005015102A2] The invention relates to a device for hardening a coating of an object, more particularly a car body (12), said coating consisting of UV paint, a thermally hardening paint or the like. The device comprises at least one radiator (58, 60a, 60b, 62a, 62b) producing electromagnetic radiation. A conveyor system (14, 16, 46) that moves the object (12) to the proximity of the radiator (58, 60a, 60b, 62a, 62b) and moves it away from said radiator is also provided. The conveyor system (14, 16) comprises a lifting car (46; 461) with a running gear (50) having a lift platform (54) for receiving the object (12), whose height relative to the running gear (50) can be adjusted by means of a motor. The at least one radiator (58, 60a, 60b, 62a, 62b) is arranged in such a manner that the lifting car (46; 461) and the object (12) located thereon can be guided through under the at least one radiator (58, 60a, 60b, 62a, 62b), wherein the vertical position of the object (12) can be changed.

IPC 8 full level

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