

Title (en)  
ELECTRO DIPPING DEVICE

Title (de)  
ELEKTRO-TAUCHLACKIERVORRICHTUNG

Title (fr)  
DISPOSITIF DE PEINTURE PAR IMMERSION ELECTRIQUE

Publication  
**EP 1910589 A1 20080416 (DE)**

Application  
**EP 06776524 A 20060731**

Priority  
• EP 2006007561 W 20060731  
• DE 102005037174 A 20050806

Abstract (en)  
[origin: DE102005037174B3] The painting device includes a painting belt and the conveying device taking the car bodies (1a, 1b, 1c) through the painting process. There are electrodes in the belt, connected at one poll to a voltage supply (20). The other poll is connected to a contact rail (2) extending unbroken through the paint bath along the path of the workpieces. There is one contact device (3a, 3b, 3c) and one voltage control device (4a, 4b, 4c) for each car body.

IPC 8 full level  
**C25D 13/22** (2006.01)

CPC (source: EP US)  
**C25D 13/22** (2013.01 - EP US)

Designated contracting state (EPC)  
CZ DE ES FR IT PL

DOCDB simple family (publication)  
**DE 102005037174 B3 20060614**; CN 101238245 A 20080806; CN 101238245 B 20100915; DE 502006002089 D1 20081224;  
EP 1910589 A1 20080416; EP 1910589 B1 20081112; ES 2314937 T3 20090316; PL 1910589 T3 20090430; RU 2008108300 A 20090920;  
RU 2412286 C2 20110220; US 2008271993 A1 20081106; US 8016994 B2 20110913; WO 2007017153 A1 20070215

DOCDB simple family (application)  
**DE 102005037174 A 20050806**; CN 200680028884 A 20060731; DE 502006002089 T 20060731; EP 06776524 A 20060731;  
EP 2006007561 W 20060731; ES 06776524 T 20060731; PL 06776524 T 20060731; RU 2008108300 A 20060731; US 99786706 A 20060731