

Title (en)
Electrophoretic lacquering plant

Title (de)
Elektro-Tauchlackiervorrichtung

Title (fr)
Installation de peinture électrophorétique

Publication
EP 1749903 A1 20070207 (DE)

Application
EP 06014191 A 20060708

Priority
DE 102005036115 A 20050801

Abstract (en)
Electrodip painting device including:(a) a paint bath, (b) a conveyor for transfer of the workpiece to be painted into the bath, (c) a voltage source, (d) electrodes in the bath along the workpiece motion path with one pole connected to a voltage source, (e) a contact strip along the workpiece motion path with a second pole connected to a voltage source, (f) a contact strip for each workpiece, (g) several parallel contact strips along the workpiece motion paths without current interruption with poles connected to different voltage sources.

IPC 8 full level
C25D 13/22 (2006.01)

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

Citation (search report)

- [XY] EP 0649919 A1 19950426 - RENAULT [FR]
- [AY] GB 1279427 A 19720628 - SIEMENS AG [DE]
- [AY] WO 2004108996 A2 20041216 - EISENMANN KG MASCHBAU [DE], et al

Cited by
CN109161953A

Designated contracting state (EPC)
DE ES FR IT

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1749903 A1 20070207; EP 1749903 B1 20111005; DE 102005036115 A1 20070215; DE 102005036115 B4 20170323;
ES 2373965 T3 20120210; US 2007029203 A1 20070208; US 7862701 B2 20110104

DOCDB simple family (application)
EP 06014191 A 20060708; DE 102005036115 A 20050801; ES 06014191 T 20060708; US 49626906 A 20060731