

Title (en)

PROCESS FOR REPRODUCING A PLANAR STRUCTURED BODY

Publication

EP 0374429 B1 19920722 (DE)

Application

EP 89119817 A 19891025

Priority

DE 3842611 A 19881217

Abstract (en)

[origin: US4981558A] A process for reproducing a structured, plate-shaped body, comprising the steps of: (a) providing a composite body containing an electrically insulating molding compound layer and an electrically conducting molding compound layer, (b) pressing a first microstructured body, having an outer face, into the electrically insulating molding compound layer while applying ultrasound so that the outer face of the first microstructured body projects into the electrically conducting layer, (c) removing the first microstructured body from the composite body while applying ultrasound to form an impression in the composite body, (d) electroplating a metal into the impression in the composite body to fill the impression with metal and form a second microstructured body, and (e) removing the composite body from the second microstructured body.

IPC 1-7

C25D 1/10

IPC 8 full level

C25D 1/02 (2006.01); **C25D 1/10** (2006.01)

CPC (source: EP US)

C25D 1/10 (2013.01 - EP US)

Designated contracting state (EPC)

AT CH FR GB IT LI NL SE

DOCDB simple family (publication)

US 4981558 A 19910101; AT E78524 T1 19920815; DE 3842611 C1 19900222; EP 0374429 A1 19900627; EP 0374429 B1 19920722; JP H02197592 A 19900806

DOCDB simple family (application)

US 45203089 A 19891218; AT 89119817 T 19891025; DE 3842611 A 19881217; EP 89119817 A 19891025; JP 32157389 A 19891213