

Title (en)
MULTI-CHEMISTRY PLATING SYSTEM

Title (de)
METALLABSCHIEDUNGSSYSTEM MIT MEHREREN CHEMISMEN

Title (fr)
SYSTEME DE GALVANISATION A CHIMIE MULTIPLE

Publication
EP 1694885 A4 20071219 (EN)

Application
EP 04760000 A 20040416

Priority

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- US 46397003 P 20030418
- US 46386103 P 20030418
- US 46395603 P 20030418
- US 46386203 P 20030418

Abstract (en)
[origin: WO2004094702A2] Embodiments of the invention generally provide an electrochemical plating system. The plating system includes a substrate loading station positioned in communication with a mainframe processing platform, at least one substrate plating cell positioned on the mainframe, at least one substrate bevel cleaning cell positioned on the mainframe, and a stacked substrate annealing station positioned in communication with at least one of the mainframe and the loading station, each chamber in the stacked substrate annealing station having a heating plate, a cooling plate, and a substrate transfer robot therein.

IPC 8 full level
C25D 7/12 (2006.01); **B08B 3/02** (2006.01); **C25D 5/00** (2006.01); **C25D 17/00** (2006.01); **C25D 17/02** (2006.01); **C25D 19/00** (2006.01); **C25D 21/00** (2006.01); **C25D 21/08** (2006.01); **H01L 21/00** (2006.01); **H01L 21/68** (2006.01); **H01L 21/687** (2006.01); **H01L 21/683** (2006.01)

CPC (source: EP)
B08B 3/02 (2013.01); **C25D 5/003** (2013.01); **C25D 7/123** (2013.01); **C25D 17/001** (2013.01); **C25D 17/002** (2013.01); **C25D 21/02** (2013.01); **C25D 21/08** (2013.01); **H01L 21/67028** (2013.01); **H01L 21/67034** (2013.01); **H01L 21/67051** (2013.01); **H01L 21/67109** (2013.01); **H01L 21/67167** (2013.01); **H01L 21/6719** (2013.01); **H01L 21/67196** (2013.01); **H01L 21/6723** (2013.01); **H01L 21/68** (2013.01); **H01L 21/68707** (2013.01); **H01L 21/6838** (2013.01)

Citation (search report)

- [E] WO 2004075266 A2 20040902 - APPLIED MATERIALS INC [US], et al
- [E] WO 2004057060 A2 20040708 - APPLIED MATERIALS INC [US]
- [X] US 2003020928 A1 20030130 - RITZDORF THOMAS L [US], et al
- See references of WO 2004094702A2

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DOCDB simple family (publication)
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US 2004012012 W 20040416; EP 04760000 A 20040416; JP 2006513120 A 20040416; TW 93110691 A 20040416