

Title (en)
APPARATUS FOR LASER-ENHANCED METAL ELECTROPLATING

Publication
EP 0261296 B1 19920722 (FR)

Application
EP 86870135 A 19860925

Priority
EP 86870135 A 19860925

Abstract (en)
[origin: US4826583A] Apparatus for laser-assisted electroplating of metals in closed circuit, comprising a flexible capillary duct into which an electrolyte is injected and at the center of which is located an optical fibre channelling the laser beam. The flexible capillary injecting duct being possibly also centered in a second suction duct allowing the electrolyte to be recovered and recycled. The electrolyte source and the radiation source are combined at the end itself of the capillary duct, and the deposit action can be carried out at any location difficult to access, thanks to the flexibility of the capillary tube-fibre assembly.

IPC 1-7
C25D 5/02

IPC 8 full level
C25D 5/02 (2006.01)

CPC (source: EP US)
C25D 5/024 (2013.01 - EP US)

Cited by
GB2253413A; GB2253413B; GB2537487A; GB2537487B; WO2015039427A1; WO9317321A1

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