

Title (en)
ATHERECTOMY POWER CONTROL SYSTEM

Title (de)
LEISTUNGSSTEUERSYSTEM FÜR ATHEREKTOMIEVORRICHTUNG

Title (fr)
SYSTEME DE COMMANDE D'ENERGIE POUR ATHERECTOMIE

Publication
EP 1087704 A2 20010404 (EN)

Application
EP 00914904 A 20000309

Priority
• US 0006259 W 20000309
• US 27331199 A 19990319

Abstract (en)
[origin: WO0056230A2] A power control system maintains the power dissipated by an atherectomy burr during an ablation procedure at or below a predetermined threshold. A power control circuit monitors the speed and torque provided by a prime mover that rotates the ablation burr in order to calculate the power dissipated under no-load conditions. During ablation, the power dissipated is determined and the no-load power is subtracted to calculate the ablation power. The control circuit adjusts the speed of the prime mover to maintain the ablation power at or below the predetermined threshold.

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CPC (source: EP)
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Citation (search report)
See references of WO 0056230A2

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