

Title (en)  
Ultrasonic cutting device

Title (de)  
Ultraschallschneidevorrichtung

Title (fr)  
Dispositif de coupe à ultra-sons

Publication  
**EP 0943405 A2 19990922 (EN)**

Application  
**EP 99200542 A 19990225**

Priority  
GB 9805569 A 19980316

Abstract (en)  
An ultrasonic cutting system comprising an ultrasonic vibrating device (10) having an operative face, a block horn (11) having a responsive face connected to the operative face of the ultrasonic vibrating device (10) and an operative face, and a plurality of cutting blades (13) mounted on the operative face of the block horn (11) so as to be vibrated thereby/therewith, the blades lying in a plane containing the longitudinal axis of vibrations characterised in that the block horn (11) is provided with at least one tuning slot (12) traversing the block between the operative and responsive faces. <IMAGE>

IPC 1-7  
**B26D 7/08**

IPC 8 full level  
**B26D 7/08** (2006.01)

CPC (source: EP)  
**B26D 7/086** (2013.01)

Cited by  
DE10103740A1; CN108994881A; US7004282B2; EP1101577A1; US7931611B2; US6530768B1; WO2004040530A1; JP2001191299A

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