

Title (en)  
METHOD AND DEVICE FOR COOLING ULTRASONIC TRANSDUCERS

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR KÜHLUNG VON ULTRASCHALLWANDLERN

Title (fr)  
PROCEDE ET DISPOSITIF DE REFROIDISSEMENT DE TRANSDUCTEURS D'ULTRASONS

Publication  
**EP 1565905 A2 20050824 (DE)**

Application  
**EP 03767582 A 20031119**

Priority  
• DE 10254894 A 20021120  
• EP 0313003 W 20031119

Abstract (en)  
[origin: DE10254894B3] The cooling device has a cooling fluid which is under pressure passed through at least one flow channel (7) in each ultrasonic transducer block (6) obtained by combining at least 2 transducer bodies (5), the pressure of the cooling fluid selected for reducing or preventing cavitation.

IPC 1-7  
**G10K 11/00**

IPC 8 full level  
**B06B 1/06** (2006.01); **G10K 11/00** (2006.01)

CPC (source: EP KR US)  
**B06B 1/0611** (2013.01 - EP US); **G10K 11/00** (2013.01 - KR); **G10K 11/004** (2013.01 - EP US)

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