

Title (en)  
ULTRASOUND FLOW METER

Title (de)  
ULTRASCHALL-DURCHFLUSSMESSER

Title (fr)  
DEBITMETRE A ULTRASON

Publication  
**EP 0842400 A1 19980520 (DE)**

Application  
**EP 97927071 A 19970528**

Priority  

- DE 19621343 A 19960528
- DE 19648784 A 19961125
- EP 9702784 W 19970528

Abstract (en)  
[origin: WO9745707A1] The invention relates to an ultrasound flowmeter for flowing media which has a measuring tube (1) and two ultrasound transducers (2) arranged to be offset in relation to each other in the direction of flow and fitted to have contact with the flowing medium in the transducer pockets (3) of the measuring tube (1). The ultrasound flowmeter according to the invention eliminates the disadvantages and problems, originating from turbulence (4) generated by the transducer pockets (3), of known ultrasound flowmeters, in that the entrance to the transducer pockets (3) is provided with a grid (7) having mesh (6).

IPC 1-7  
**G01F 1/66**

IPC 8 full level  
**G01F 1/66** (2006.01); **G01F 15/00** (2006.01)

CPC (source: EP)  
**G01F 1/662** (2013.01); **G01F 15/00** (2013.01); **B60G 2401/176** (2013.01)

Citation (search report)  
See references of WO 9745707A1

Designated contracting state (EPC)  
CH DE DK FR GB IE LI NL

DOCDB simple family (publication)  
**WO 9745707 A1 19971204**; EP 0842400 A1 19980520; JP H11510610 A 19990914

DOCDB simple family (application)  
**EP 9702784 W 19970528**; EP 97927071 A 19970528; JP 54054997 A 19970528