

Title (en)
Ultrasonic transducer

Title (de)
Ultraschallkopf

Title (fr)
Transducteur ultrasonore

Publication
EP 1681104 A1 20060719 (DE)

Application
EP 05028338 A 20051223

Priority
DE 102005001899 A 20050114

Abstract (en)
The device has a flat piezoelement (6) with upper and lower sides on which electrode structures (5,7) are arranged, each connected to a connection electrode (1,4). At least the underside of the piezoelement including the electrode structure interacts with a coupling medium (11) with an exposed surface facing away from the piezoelement and via which ultrasonic waves can be coupled directly into the medium or detected from the medium.

IPC 8 full level
B06B 1/06 (2006.01)

CPC (source: EP)
B06B 1/067 (2013.01); **G10K 11/02** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
DE DK

DOCDB simple family (publication)
EP 1681104 A1 20060719; DE 102005001899 A1 20060727; DE 102005001899 B4 20070308

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