

Title (en)

Wide clean transducer for ultrasonic testing

Title (de)

Breitstrahlprüfkopf für die Ultraschallprüftechnik

Title (fr)

Transducteur à faisceau large pour la technique d'essai ultrasonore

Publication

EP 0688610 A3 19960724 (DE)

Application

EP 95108243 A 19950524

Priority

DE 4421436 A 19940621

Abstract (en)

[origin: EP0688610A2] The head uses a long piezoelectric crystal. An aperture is located in the area of both narrow sides. These are formed either as a hole (28) close to the narrow side, or as a cut, e.g. a slot, which extends from the side. The aperture has a surface, which is between 1 and 1,5 mm<2>. The apertures are closed and covered by a protective layer. <IMAGE>

IPC 1-7

B06B 1/06

IPC 8 full level

B06B 1/06 (2006.01)

CPC (source: EP)

B06B 1/0648 (2013.01)

Citation (search report)

- [A] PATENT ABSTRACTS OF JAPAN vol. 005, no. 109 (E - 065) 15 July 1981 (1981-07-15)
- [A] PATENT ABSTRACTS OF JAPAN vol. 004, no. 056 (E - 008) 25 April 1980 (1980-04-25)

Cited by

EP0838271A3

Designated contracting state (EPC)

DE DK ES FR GB IT NL

DOCDB simple family (publication)

EP 0688610 A2 19951227; EP 0688610 A3 19960724; EP 0688610 B1 19981028; DE 19521153 A1 19960104; DE 59504040 D1 19981203

DOCDB simple family (application)

EP 95108243 A 19950524; DE 19521153 A 19950609; DE 59504040 T 19950524