

Title (en)  
Electro-pneumatic signal transducer

Title (de)  
Elektro-pneumatischer Signalwandler

Title (fr)  
Transducteur de signal électro-pneumatique

Publication  
**EP 0565510 B1 19970226 (DE)**

Application  
**EP 93890039 A 19930310**

Priority  
AT 70492 A 19920403

Abstract (en)  
[origin: EP0565510A2] In an electro-pneumatic signal transducer, the piezoelectric bending element (3) bears in an elastically prestressed manner against at least three supporting bearings (14, 16), of which one can be set for an initial adjustment. The latter consists of an insertion sleeve (15), whose position relative to the other supporting bearings (16) is secured after the initial adjustment, for example by adhesive bonding, and of a supporting pin (8) which can also be subsequently adjusted in the axial direction relative to the insertion sleeve (15) and can at the same time also be designed as a contact pin. <IMAGE>

IPC 1-7  
**F15B 5/00**; **F16K 31/00**

IPC 8 full level  
**F15B 5/00** (2006.01); **H01H 13/00** (2006.01); **H02N 2/04** (2006.01)

CPC (source: EP)  
**F15B 5/003** (2013.01)

Cited by  
DE102007033529A1; DE19810009C1; EP1104863A3; DE102007034048B3; DE10161888A1; DE19957953A1; DE19957953C2; US5779218A; DE202008001289U1; US6776180B1; US8220491B2; US7017883B2; EP0915277A2; WO9709555A1; EP2017511A1

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CH DE ES FR GB IT LI NL

DOCDB simple family (publication)  
**EP 0565510 A2 19931013**; **EP 0565510 A3 19941214**; **EP 0565510 B1 19970226**; AT 398331 B 19941125; AT A70492 A 19930315; CA 2093257 A1 19931004; CA 2093257 C 20020820; DE 59305506 D1 19970403; ES 2098021 T3 19970416; JP H0620553 A 19940128

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**EP 93890039 A 19930310**; AT 70492 A 19920403; CA 2093257 A 19930402; DE 59305506 T 19930310; ES 93890039 T 19930310; JP 7366793 A 19930331