

Title (en)
Signal transducer.

Title (de)
Signalwandler.

Title (fr)
Transducteur de signaux.

Publication
EP 0221324 A1 19870513 (DE)

Application
EP 86113180 A 19860925

Priority
CH 432685 A 19851007

Abstract (en)
[origin: US4720665A] A transducer for converting electrical input signals into an electrical or mechanical output. The transducer employs a circuit for producing a negative source impedance and a winding cooperating with the circuit. The winding has first and second parts connected end to end. The ratio of the induced electromotive forces developed across the first part relative to that of the second part differs from the ratio of the ohmic resistance of the first part relative to that of the second part.

Abstract (de)
Bei einem Wandler (45) zur Umwandlung elektrischer Signale in elektrische oder mechanische Signale mit Hilfe einer Wicklung (50) und einer Schaltung (60) zur Erzeugung einer negativen Quellenimpedanz, wird die Wicklung (50) derart in zwei Teile (53, 56) aufgeteilt, dass das Verhaeltnis der induzierten elektromotorischen Kraft in den Teilen nicht gleich ist dem Verhaeltnis der ohm'schen Widerstaende in den beiden Teilen.

IPC 1-7
H03F 1/34; **H04R 3/08**

IPC 8 full level
H04R 3/00 (2006.01); **H04R 3/08** (2006.01)

CPC (source: EP US)
H04R 3/002 (2013.01 - EP US); **H04R 3/08** (2013.01 - EP US)

Citation (search report)

- [AD] EP 0041472 A1 19811209 - ANT NACHRICHTENTECH [DE]
- [A] US 4335274 A 19820615 - AYERS RICHARD A
- [A] DE 853298 C 19521023 - PHILBERTH BERNHARD, et al
- [A] FR 2345880 A1 19771021 - STAHL KARL [SE]
- [A] FR 2236331 A1 19750131 - RODIER MICHEL [FR]
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EP0350652A1; US5129005A

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 86113180 A 19860925; DE 3679373 T 19860925; US 91437286 A 19861002