

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : G10K 11/02	A1	(11) International Publication Number: WO 96/38834 (43) International Publication Date: 5 December 1996 (05.12.96)
(21) International Application Number: PCT/EP96/02301 (22) International Filing Date: 29 May 1996 (29.05.96) (30) Priority Data: TO95A000446 30 May 1995 (30.05.95) IT (71) Applicant (for all designated States except US): ZINGALI S.N.C. [IT/IT]; Via Goito, 20, I-04011 Aprilia (IT). (72) Inventor; and (75) Inventor/Applicant (for US only): ZINGALI, Giuseppe [IT/IT]; Via Goito, 20, I-04011 Aprilia (IT). (74) Agent: DINI, Roberto; Via Castagnole, 59, I-10060 None (IT).		(81) Designated States: AL, AU, BG, BR, CA, CN, CZ, FI, HU, JP, KP, KR, MX, NO, PL, RO, SG, SK, TR, US, VN, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>

(54) Title: **ACOUSTIC HORN TRANSDUCER WITH A CONIC TYPE DIFFUSER HAVING AN EXPONENTIAL PROFILE IN WOOD**

(57) Abstract

An acoustic horn transducer with a conic type diffuser is described, having as its main technical characteristic that the diffuser has an exponential type profile; a further characteristic resides in the fact that the realisation of the horn is obtained from wood.

