

Title (en)
Electroacoustic transducer arrangement

Title (de)
Elektroakustische Wandleranordnung

Title (fr)
Arrangement de transducteurs électroacoustiques

Publication
EP 0654953 B1 19990506 (DE)

Application
EP 94112880 A 19940818

Priority
DE 4339798 A 19931123

Abstract (en)
[origin: EP0654953A1] An electroacoustic transducer arrangement for underwater antennas of a number of hydrophones (10) to be arranged vertically above one another at equal distances at a carrier is specified, in which, in order to simplify the assembly of the underwater antenna, and retaining good receiving characteristics, the hydrophones (10), together with a reflector (11) arranged behind them in the direction of sound incidence, are embedded in an acoustically transparent hard moulded surround (20) of an elastomer which can be processed in a moulding process, preferably polyurethane. The connecting lines (12) of the hydrophones (10) are combined on a common plug (13) which is accessible at one end face of the hard moulded surround (20). The hard moulded surround (20) is equipped with means (22) for mounting on the carrier. <IMAGE>

IPC 1-7
H04R 1/44

IPC 8 full level
B06B 1/06 (2006.01); **G10K 11/00** (2006.01); **H04R 1/44** (2006.01)

CPC (source: EP US)
B06B 1/0633 (2013.01 - EP US); **G10K 11/008** (2013.01 - EP US); **H04R 1/44** (2013.01 - EP US)

Cited by
AU2005270543B2; AU2020335136B2; DE102006060795B3; DE10323493B3; US7542378B2; WO2010046317A2; US8483013B2; WO2021037589A1; WO2009062565A1; WO2006015646A1; WO2006015665A1; WO2010046317A3; WO2004105176A3; EP2469507A1; DE102010056119A1; US7680000B2; WO2006015645A1; US7800980B2; WO2008080451A3; WO2010046318A3

Designated contracting state (EPC)
DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0654953 A1 19950524; EP 0654953 B1 19990506; DE 4339798 A1 19950524; DE 59408210 D1 19990610; NO 308689 B1 20001009; NO 943365 D0 19940912; NO 943365 L 19950524; US 5499219 A 19960312

DOCDB simple family (application)
EP 94112880 A 19940818; DE 4339798 A 19931123; DE 59408210 T 19940818; NO 943365 A 19940912; US 34186894 A 19941115