

Title (en)
ARTIFICIAL HEAD MEASURING SYSTEM

Publication
EP 0156333 A3 19880107 (DE)

Application
EP 85103440 A 19850323

Priority
• DE 3411236 A 19840327
• DE 3509376 A 19850315

Abstract (en)
[origin: US4631962A] An artificial head acoustic measuring system includes a construction including portions configured to appear as human shoulders, head and ears on both sides of the head with auditory canals and microphones disposed in the auditory canals. The head portion comprises partial bodies corresponding to mean data of test persons with respect to dimensions and relative positions. The partial bodies comprise regular geometric bodies calibrated with respect to sound reflexion, diffraction and resonance behavior to define a reproducible artificial-head transmission function related to the outer geometric configuration of the construction.

IPC 1-7
H04R 5/027

IPC 8 full level
H04R 5/027 (2006.01)

CPC (source: EP US)
H04R 5/027 (2013.01 - EP US)

Citation (search report)
• DE 3146706 A1 19830601 - GENUIT KLAUS DIPL ING DIPL WIR
• DE 879704 C 19530615 - PHILIPS NV
• [A] RUNDFUNKTECHNISCHE MITTEILUNGEN, Band 22, Nr. 1, Februar 1978, Seiten 28-31, Hamburg, DE; P. LAWS et al.: "Ein spezielles Konzept zur Realisierung eines Kunstkopfes für die Kopfbezogene Stereophone Aufnahmetechnik"
• [A] FUNKSCHAU, Nr. 7, April 1982, Seiten 72,77,78, München, DE; K. GENUIT: "Entstehung eines Kunstkopfsystems"

Cited by
DE3903246A1; DE4222050A1; EP4373138A1; WO2024110467A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0156333 A2 19851002; EP 0156333 A3 19880107; EP 0156333 B1 19910911; BR 8501371 A 19851126; CA 1227558 A 19870929; DE 3509376 A1 19851107; DE 3509376 C2 19920604; DE 3584022 D1 19911017; DK 134385 A 19850928; DK 134385 D0 19850325; DK 160391 B 19910304; DK 160391 C 19910812; US 4631962 A 19861230

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EP 85103440 A 19850323; BR 8501371 A 19850326; CA 477522 A 19850326; DE 3509376 A 19850315; DE 3584022 T 19850323; DK 134385 A 19850325; US 71587885 A 19850325