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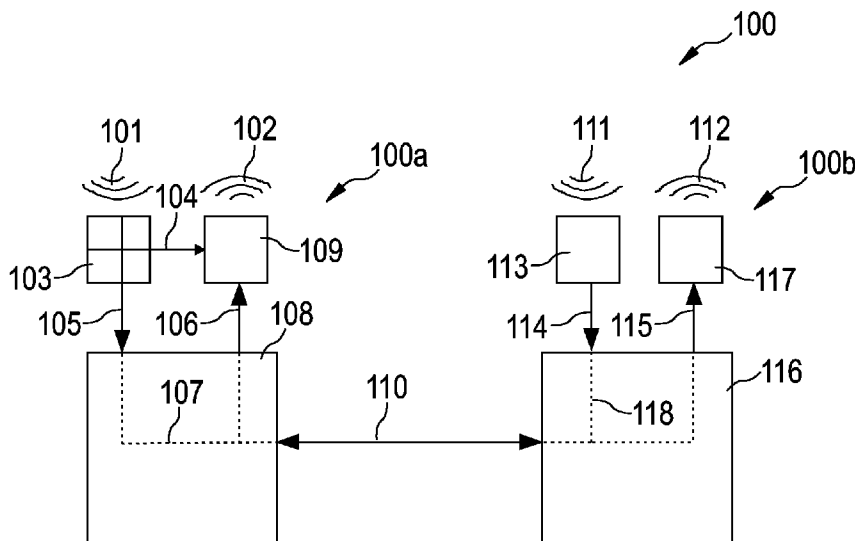
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(54) Title: A HEADSET, A COMMUNICATION DEVICE, A COMMUNICATION SYSTEM, AND A METHOD OF OPERATING A HEADSET



(57) Abstract: A headset (200) for a communication device, the headset (200) comprising at least one microphone (401 to 403) adapted to detect audio signals (404 to 406), and a speaker (410) adapted to reproduce the audio signals (404 to 406) detected by the at least one microphone (401 to 403), wherein the headset (200) is adapted to provide the audio signals (404 to 406) detected by the at least one microphone (401 to 403) for transmission to another communication device communicatively connectable to the communication device for reproduction by a speaker (413) of the other communication device.

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INTERNATIONAL SEARCH REPORT

International application No

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>VEEN VAN B D ET AL: "BEAMFORMING: A VERSATILE APPROACH TO SPATIAL FILTERING" IEEE ACOUSTICS, SPEECH, AND SIGNAL PROCESSING MAGAZINE, IEEE INC. NEW YORK, US, vol. 5, no. 2, April 1988 (1988-04), pages 4-24, XP002050877 cited in the application the whole document</p>	6-8

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2006/052676

Patent document cited in search report	Publication date	Publication date	Patent family member(s)	Publication date
WO 9725790	A2	17-07-1997	AU 2785297 A	01-08-1997
			BR 9612558 A	20-07-1999
			CA 2228952 A1	17-07-1997
			CN 1234895 A	10-11-1999
			EP 0870298 A2	14-10-1998
			FI 974431 A	05-02-1998
			IL 118536 A	22-09-1999
			JP 2002501623 T	15-01-2002
			TW 399392 B	21-07-2000
<hr/>				
EP 0776113	A2	28-05-1997	GB 2307617 A	28-05-1997
			US 5946391 A	31-08-1999
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