



European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 98 30 6906

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
P,X	MCCREE A ET AL: "A 1.7 kb/s MELP coder with improved analysis and quantization" PROCEEDINGS OF THE 1998 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING, ICASSP '98 (CAT. NO.98CH36181), PROCEEDINGS OF THE 1998 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING, SEATTLE, WA, USA, 12-1, pages 593-596 vol.2, XP002109401 1998, New York, NY, USA, IEEE, USAISBN: 0-7803-4428-6 * paragraph [2.2.1] * ---	1-7	G10L9/14 G10L3/02
E	EP 0 905 680 A (TEXAS INSTRUMENTS INC) 31 March 1999 (1999-03-31) * page 5 * ---	1-7	
D,A	GARDNER W R ET AL: "THEORETICAL ANALYSIS OF THE HIGH-RATE VECTOR QUANTIZATION OF PLC PARAMETERS" IEEE TRANSACTIONS ON SPEECH AND AUDIO PROCESSING, vol. 3, no. 5, 1 September 1995 (1995-09-01), pages 367-381, XP000641961 ISSN: 1063-6676 * paragraph [III.D] * * abstract * --- -/--	1-7	TECHNICAL FIELDS SEARCHED (Int.Cl.6) G10L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 July 1999	Examiner Krembel, L
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document		T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document	

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A	MCCREE A ET AL: "A 2.4 kbit/s MELP coder candidate for the new U.S. Federal Standard" 1996 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING CONFERENCE PROCEEDINGS (CAT. NO.96CH35903), 1996 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING CONFERENCE PROCEEDINGS, ATLANTA, GA, USA, 7-10 M, pages 200-203 vol. 1, XP002109402 1996, New York, NY, USA, IEEE, USAISBN: 0-7803-3192-3 * paragraph [3.1.2] * ---	1-7	
A	COHN R P ET AL: "Incorporating perception into LSF quantization some experiments" 1997 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING (CAT. NO.97CB36052), 1997 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, MUNICH, GERMANY, 21-24 APRIL 1997, pages 1347-1350 vol.2, XP002109403 1997, Los Alamitos, CA, USA, IEEE Comput. Soc. Press, USAISBN: 0-8186-7919-0 * paragraph [01.1] * * paragraph [0003] * --- -/--	1-7	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 July 1999	Examiner Krembel, L
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A	<p>PALIWAL K K ET AL: "EFFICIENT VECTOR QUANTIZATION OF LPC PARAMETERS AT 24 BITS/FRAME"</p> <p>SPEECH PROCESSING 1, TORONTO, MAY 14 - 17, 1991,</p> <p>vol. 1, no. CONF. 16,</p> <p>14 May 1991 (1991-05-14), pages 661-664, XP000245315</p> <p>INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS ISBN: 0-7803-0003-3</p> <p>* paragraph [0003] *</p> <p>-----</p>	1,7	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
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<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone</p> <p>Y : particularly relevant if combined with another document of the same category</p> <p>A : technological background</p> <p>O : non-written disclosure</p> <p>P : intermediate document</p> <p>T : theory or principle underlying the invention</p> <p>E : earlier patent document, but published on, or after the filing date</p> <p>D : document cited in the application</p> <p>L : document cited for other reasons</p> <p>& : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 30 6906

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on

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16-07-1999

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0905680 A	31-03-1999	NONE	

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82