



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 99 83 0436

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.7)
X	US 4 953 312 A (ASTOLFI PIETRO) 4 September 1990 (1990-09-04) * column 2, line 4-60; figures 1-4 *	1	A47G1/06
X	US 2 242 148 A (SANDERS HOMER M) 13 May 1941 (1941-05-13) * page 1, line 12-36; figure 3 *	1	
X	US 4 063 378 A (BURKE LOUIS C) 20 December 1977 (1977-12-20) * column 4, line 33-40 * * column 4, line 62 - column 5, line 12; figure 2A *	1	
Y	US 3 711 978 A (CONRAD E) 23 January 1973 (1973-01-23) * column 3, line 16-37; figures 1,2 *	2	
Y	US 5 581 925 A (SNOKE PHILLIP J ET AL) 10 December 1996 (1996-12-10) * column 5, line 52-61; figures 5,6 *	2	TECHNICAL FIELDS SEARCHED (Int.Cl.7) A47G G09F
Y	DE 36 34 423 A (GROENEMEYER WILHELM) 14 April 1988 (1988-04-14) * column 3, line 30-32,42-51 * * column 4, line 9-12; figure 3 *	2	
Y	US 5 081 777 A (KIM BYUNG-WOONG) 21 January 1992 (1992-01-21) * column 7, line 14-25; figure 7 *	3	
Y	US 4 211 022 A (ANGELAKOS NICHOLAS) 8 July 1980 (1980-07-08) * column 1, line 60-64 * * column 2, line 55-57; figures 2,3 *	3	
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 5 December 2001	Examiner Reichhardt, O
CATEGORY OF CITED DOCUMENTS 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 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			

EPO FORM 1503 03/82 (P04C01)

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

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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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05-12-2001

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