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(71) Applicant: **Kabushiki Kaisha Toyota Jidoshokki**
Kariya-shi, Aichi-ken (JP)

(72) Inventors:

- Ota, Masaki
Kariya-shi, Aichi-ken (JP)
- Kawaguchi, Masahiro
Kariya-shi, Aichi-ken (JP)

(74) Representative:

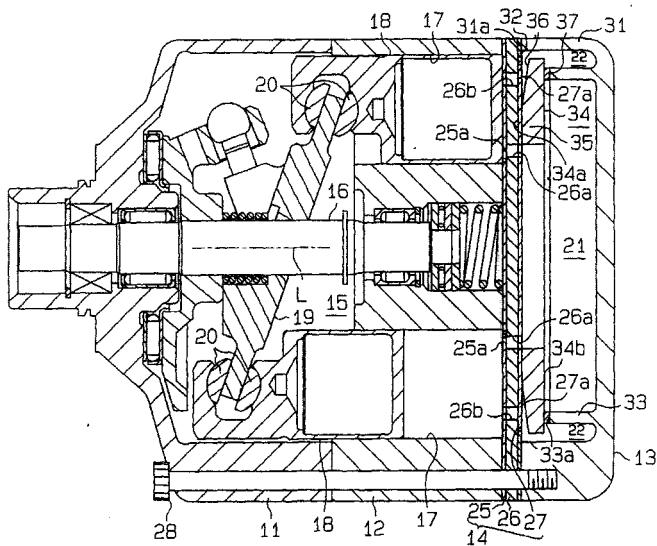
**Leson, Thomas Johannes Alois, Dipl.-Ing. et al
Patentanwälte Tiedtke-Bühling-Kinne & Partner,
Bavariaring 4
80336 München (DE)**

(54) **Swash plate compressor**

(57) A compressor has a cylinder block (12) and rear housing (13) fixed to the cylinder block. The cylinder block has a plurality of cylinder bores (17) arranged along a first phantom circle about an axis (L) of a drive shaft (16) supported by the cylinder block. Each of the cylinder bore has a piston (18) movably disposed therein. A partition (33) is formed within the rear housing to define a discharge chamber (21) and a suction chamber

(22) in the rear housing. A valve plate (14) is interposed between the chambers and the cylinder bores to selectively connect and disconnect the chambers with the cylinder bores. A separator (34) is located between an end of the partition and the valve plate to urge the valve plate against the cylinder block on a second phantom circle about the axis of the drive shaft in such a manner as to maintain selectively connecting and disconnecting the chambers with the cylinder bores.

Fig. 1





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EUROPEAN SEARCH REPORT

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Y	* figure 1 * ---	3,4	
X	US 5 507 627 A (OKAZAKI MICHIO) 16 April 1996 (1996-04-16) * column 3, line 23 - column 4, line 33; figure 1 *	1,2,7,9, 10	
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Y	EP 0 911 518 A (CALSONIC CORP) 28 April 1999 (1999-04-28) * page 3, column 4, line 7 - page 3, column 4, line 55; figure 2 *	6	TECHNICAL FIELDS SEARCHED (Int.Cl.7) F04B
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The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
MUNICH	10 October 2001	Pinna, S	
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone	T : theory or principle underlying the invention		
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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