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- Yokomachi, Naoya,  
KK Toyoda Jidoshokki Seisakusho  
Kariya-shi, Aichi-ken (JP)
- Murakami, Kazuo,  
KK Toyoda Jidoshokki Seisakusho  
Kariya-shi, Aichi-ken (JP)
- Nakane, Yoshiyuki,  
KK Toyoda Jidoshokki Seisakusho  
Kariya-shi, Aichi-ken (JP)

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

(74) Representative:  
**Leson, Thomas Johannes Alois, Dipl.-Ing.  
Tiedtke-Bühling-Kinne & Partner GbR,  
TBK-Patent,  
Bavariaring 4  
80336 München (DE)**

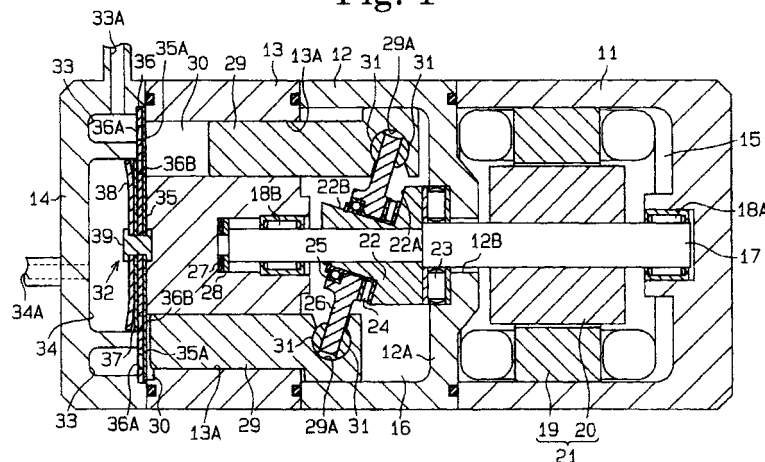
(72) Inventors:  
• Fujii, Toshiro,  
KK Toyoda Jidoshokki Seisakusho  
Kariya-shi, Aichi-ken (JP)

(54) **Swash plate type compressor**

(57) The electrically driven swash plate compressor consists of an electric motor (21) in the motor chamber (15) and a swash plate (26) with the stationary cylinder block (13) in the crank chamber (16). The swash plate is rotated by the drive shaft (17), whereby noise and vibration in the direction perpendicular to the drive shaft are reduced. The swash plate is supported on the drive

shaft by the supporting member (22). The rotating supporting member (22) has an inclined surface (22A) with respect to the axis of the drive shaft for supporting the swash plate by means of the thrust bearing (23) and the radial roller bearing (25) mounted on the perpendicular shaft support (22B). The roller bearing (25) has a small frictional resistance, which results in a reduction of mechanical losses.

**Fig. 1**





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Application Number  
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Place of search	Date of completion of the search	Examiner	
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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