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(72) Inventors:
 • **Yamamoto, Kenji**
Kariya-shi Aichi 448-8671 (JP)
 • **Hayashi, Shiro**
Kariya-shi Aichi 448-8671 (JP)
 • **Mizutani, Hideki**
Kariya-shi Aichi 448-8671 (JP)
 • **Kayukawa, Hiroaki**
Kariya-shi Aichi 448-8671 (JP)

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(71) Applicant: **KABUSHIKI KAISHA TOYOTA JIDOSHOKKI**
Kariya-shi,
Aichi-ken (JP)

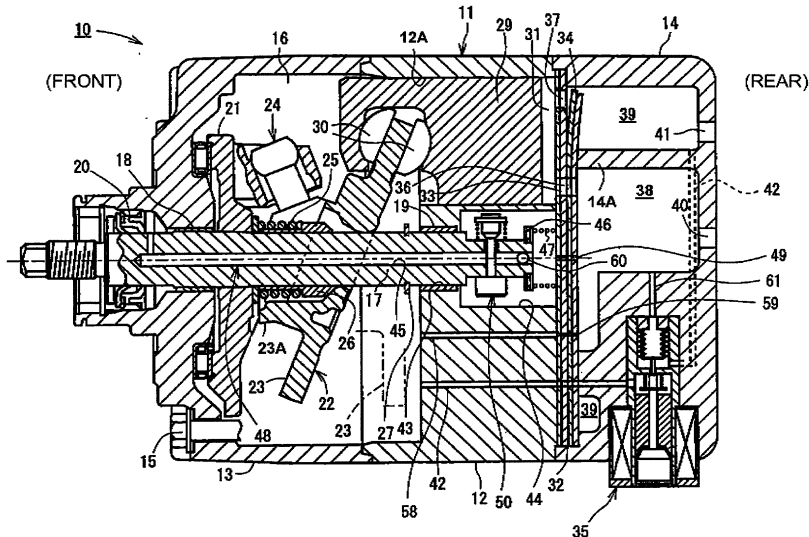
(74) Representative: **TBK-Patent**
Bavariaring 4-6
80336 München (DE)

(54) **Swash plate type variable displacement compressor**

(57) A swash plate type variable displacement compressor includes a crank chamber (16), a rotary shaft (17), a swash plate (23), a piston (29), a supply passage (42) and first and second bleed passages (48,58). The supply passage connecting the crank chamber to a discharge pressure region (39) is provided with a displacement control valve (35). The pressure in the crank chamber is varied by adjusting the opening of the displacement

control valve. The first bleed passage (48) connecting the crank chamber to the suction pressure region is provided with a valve (50). The second bleed passage (58) constantly connecting the crank chamber to the suction pressure region (38) is provided with a throttle (59). The valve (50) operates to close the first bleed passage according to the magnitude of centrifugal force generated by the rotation of the rotary shaft.

FIG. 1





EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 23 February 2010	Examiner Olona Laglera, C
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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