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(71) Applicant:  
**Kabushiki Kaisha Toyoda Jidoshokki  
Seisakusho  
Aichi-ken 448-8671 (JP)**

(72) Inventors:  
• **Kayukawa, Hiroaki,**  
**c/o K.K. Toyoda Jidoshokki**  
**Aichi-ken 448-8671 (JP)**

• **Hidaka, Shigeyuki,**  
**c/o K.K. Toyoda Jidoshokki**  
**Aichi-ken 448-8671 (JP)**  
• **Kawata, Takeshi,**  
**c/o K.K. Toyoda Jidoshokki**  
**Aichi-ken 448-8671 (JP)**  
• **Koumura, Satoshi,**  
**c/o K.K. Toyoda Jidoshokki**  
**Aichi-ken 448-8671 (JP)**

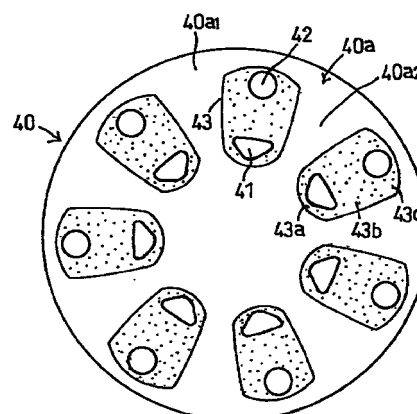
(74) Representative:  
**Hoeger, Stellrecht & Partner**  
**Uhlandstrasse 14 c**  
**70182 Stuttgart (DE)**

(54) **Piston-type compressor inlet valve**

(57) The present invention relates to a piston-type compressor comprising a casing having a plurality of bores, a plurality of pistons respectively inserted into each bore, a driving means for sequentially moving said pistons to suck and to discharge a gas into and from the bores, an sucking valve mechanism including a valve seat plate and an sucking valves, and a discharging valve mechanism.

In such compressor, whole of an abutted area on the valve seat plate or the whole of the abutting area on each sucking valve to be abutted to the valve seat plate is roughed. Thus, separation of the sucking valve from the valve seat plate in sucking the gas into the bores is facilitated.

**FIG. 2**





European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 99 11 0530

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The present search report has been drawn up for all claims					
Place of search THE HAGUE		Date of completion of the search 28 December 1999	Examiner Ingelbrecht, P		
<table border="0"> <tr> <td> <b>CATEGORY OF CITED DOCUMENTS</b>  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 </td> <td> 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  &amp; : member of the same patent family, corresponding document </td> </tr> </table>				<b>CATEGORY OF CITED DOCUMENTS</b> 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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