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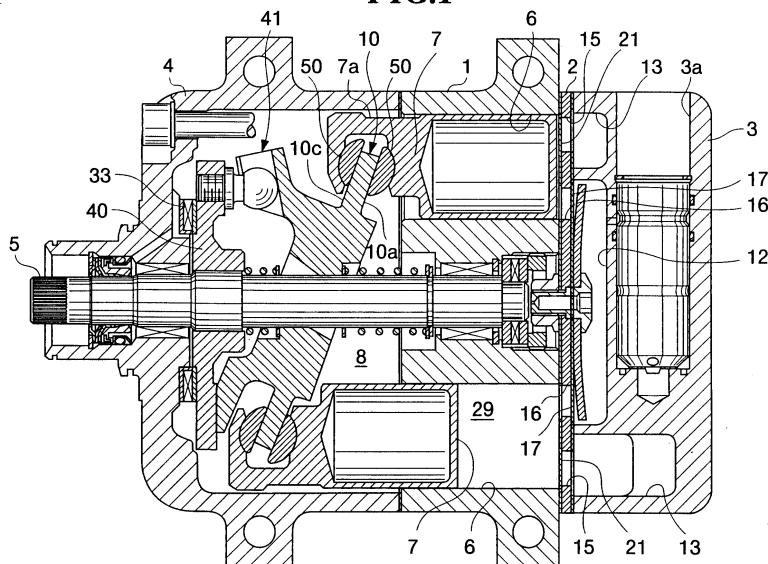
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(54) Swash plate compressor

(57) A swash plate (10) of a swash plate compressor has opposite sliding surfaces (10a, 10c) and is rotatable as a drive shaft (5) rotates. Each of a plurality of pistons (7) is connected to the swash plate (10) via a pair of shoes (50) arranged to perform relative rotation on respective opposite sliding surfaces (10a, 10c) of the swash plate (10) with respect thereto, and is reciproivable within a corresponding one of a plurality of cylinder bores (6) formed through a cylinder block (1), as the

swash plate (10) rotates. Each of the opposite sliding surfaces (10a, 10c) of the swash plate (10) is coated with a surface-treatment coating having a thickness which is set in a manner such that when the swash plate (10) has been assembled with each piston (7) via the pair of shoes (50), pressure is applied from the pair of shoes (50) on the sliding surfaces (10a, 10c) of the swash plate (10), and when initial abrasion of the surface-treatment coating has been completed, the base material of the swash plate (10) is not exposed.

FIG.1





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EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)						
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<p>The present search report has been drawn up for all claims</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Place of search</td> <td style="width: 33%;">Date of completion of the search</td> <td style="width: 34%;">Examiner</td> </tr> <tr> <td>THE HAGUE</td> <td>11 February 1999</td> <td>Ingelbrecht, P</td> </tr> </table>				Place of search	Date of completion of the search	Examiner	THE HAGUE	11 February 1999	Ingelbrecht, P
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