

Title (en)

Pivot joint for a swash plate of a variable displacement compressor

Title (de)

Schwenkgelenk für die Schrägscheibe eines variablen Verdrängungskompressors

Title (fr)

Joint pivotant pour un plateau-came d'un compresseur à capacité variable

Publication

EP 1043500 A2 20001011 (EN)

Application

EP 00107418 A 20000405

Priority

JP 9888599 A 19990406

Abstract (en)

A variable displacement compressor the displacement of which depends on the inclination of a drive plate (50). The compressor includes a sleeve (18) fitted on a drive shaft (16). The sleeve (18) supports a pivot joint for supporting the drive plate (50). The maximum inclination of the drive plate (50) depends on the distance (Sx) between the pivot axis of the drive plate (16) and an end that abuts against a limit stop. Therefore changing the sleeve (18) changes the maximum displacement. Changing the sleeve (18) does not alter the balance of the drive plate (50). In compressors having different displacements, all parts are the same except for the sleeve (18), which facilitates mass production. <IMAGE>

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IPC 8 full level

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Cited by

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