

Title (en)
Shoe for swash plate type compressor

Title (de)
Kolbenschuh für einen Taumelscheibenkompressor

Title (fr)
Patin pour un compresseur à plateau en biais

Publication
EP 1256717 A3 20030528 (EN)

Application
EP 02009381 A 20020507

Priority
JP 2001139539 A 20010510

Abstract (en)
[origin: EP1256717A2] A shoe for use in a swash plate type compressor, interposed between a swash plate and a piston, has a plane sliding surface, a spherical sliding surface and a side surface. The plane sliding surface, which is substantially a plane, slides with respect to the swash plate. The spherical sliding surface, which is substantially a part of sphere surface, slides with respect to the piston. The side surface is provided between the plane sliding surface and the spherical sliding surface. The side surface includes a chamfered surface adjacent to the plane sliding surface. An angle between the chamfered surface and the extended plane sliding surface ranges from 20 DEG to 80 DEG . <IMAGE>

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F04B 27/08

IPC 8 full level
F04B 27/10 (2006.01); **F04B 27/08** (2006.01)

CPC (source: EP KR US)
F04B 27/08 (2013.01 - KR); **F04B 27/0886** (2013.01 - EP US); **F05C 2251/14** (2013.01 - EP US); **F05C 2253/12** (2013.01 - EP US); **F05C 2253/20** (2013.01 - EP US)

Citation (search report)

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