

Title (en)
Swash plate type compressor

Title (de)
Taumelscheibenverdichter

Title (fr)
Compresseur à plateau en biais

Publication
EP 1167761 A3 20030716 (EN)

Application
EP 01114766 A 20010625

Priority
JP 2000193456 A 20000627

Abstract (en)
[origin: EP1167761A2] The sliding characteristics of the sliding portions, where components slide on each other, are improved and the work of coating forming thereof is simplified. DLC coatings (43) and (44) are formed on a front surface (39) and a rear surface (40) of a swash plate (22) by a CVD method or a PVD method. Therefore, the sliding characteristics of the sliding portion (47) between the swash plate (22) and shoes (27) and (28) are improved and abrasion or seizure occurs less frequently on the surface of the swash plate (22) and flat surfaces (35) and (36) of the shoes (27) and (28). <IMAGE>

IPC 1-7
F04B 27/10; **F04B 27/08**

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

CPC (source: EP US)
F04B 27/0886 (2013.01 - EP US); **F04B 27/1054** (2013.01 - EP US)

Citation (search report)

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- [A] EP 0776986 A1 19970604 - TAIHO KOGYO CO LTD [JP], et al
- [A] EP 0890743 A2 19990113 - TAIHO KOGYO CO LTD [JP], et al
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- [AD] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 12 29 October 1999 (1999-10-29)

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