

Title (en)
Piston and method of manufacture

Title (de)
Kolben und Verfahren zur Herstellung

Title (fr)
Piston et procédé de fabrication

Publication
EP 0959227 A3 20000830 (EN)

Application
EP 99109847 A 19990519

Priority
• JP 13853998 A 19980520
• JP 34841998 A 19981208

Abstract (en)
[origin: EP0959227A2] A method for manufacturing improved pistons (22), which are reciprocated by a swash plate (20) in an compressor. Each piston (22) includes a head (40) and a skirt (42). The head (40) has a cylinder (41) with an open end, and the skirt (42) has a lid (43) for closing the open end of the cylinder (41). The lid (43) is friction welded to the cylinder (41). This method firmly joins the lid (43) to the cylinder (41) and reduces the cost and the time for manufacturing. <IMAGE>

IPC 1-7
F01B 3/00; **F04B 27/08**

IPC 8 full level
F04B 27/08 (2006.01); **B23K 20/12** (2006.01); **F01B 3/00** (2006.01); **F04B 39/00** (2006.01)

CPC (source: EP KR)
F01B 3/0085 (2013.01 - EP); **F04B 27/08** (2013.01 - KR); **F04B 27/0878** (2013.01 - EP)

Citation (search report)
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