

Title (en)
Piston-type compressor inlet valve

Title (de)
Kolbenverdichtereinlassventil

Title (fr)
Soupape d'admission pour compresseur à pistons

Publication
EP 0962655 A3 20000223 (EN)

Application
EP 99110530 A 19990601

Priority
• JP 15783798 A 19980605
• JP 13858099 A 19990519

Abstract (en)
[origin: EP0962655A2] The present invention relates to a piston-type compressor comprising a casing having a plurality of bores, a plurality of pistons respectively inserted into each bore, a driving means for sequentially moving said pistons to suck and to discharge a gas into and from the bores, an sucking valve mechanism including a valve seat plate and an sucking valves, and a discharging valve mechanism. In such compressor, whole of an abutted area on the valve seat plate or the whole of the abutting area on each sucking valve to be abutted to the valve seat plate is roughed. Thus, separation of the sucking valve from the valve seat plate in sucking the gas into the bores is facilitated. <IMAGE>

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F04B 39/10

IPC 8 full level
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F04B 27/1009 (2013.01); **F04B 39/1073** (2013.01)

Citation (search report)
• [XY] DE 19644431 A1 19970430 - TOYODA AUTOMATIC LOOM WORKS [JP]
• [Y] US 4976284 A 19901211 - HOVARTER LEN A [US]
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• [X] PATENT ABSTRACTS OF JAPAN vol. 014, no. 519 (M - 1048) 14 November 1990 (1990-11-14)

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