

Title (en)

Compressor valve plate coating

Title (de)

Ventilplattenbeschichtung für Verdichter

Title (fr)

Revêtement pour plaque de soupapes pour compresseurs

Publication

EP 1582741 A2 20051005 (EN)

Application

EP 05005187 A 20050309

Priority

JP 2004103539 A 20040331

Abstract (en)

A compressor has a valve port plate made of a steel, through which heat of compressed gas having a relatively higher temperature is transmitted to suction gas having a relatively lower temperature. The valve port plate is nitrided or nitrocarburized for reducing heat transmission from the compressed gas to the suction gas.

IPC 1-7

F04B 27/10; **F04B 39/10**

IPC 8 full level

F04B 27/08 (2006.01); **F04B 27/10** (2006.01); **F04B 39/00** (2006.01); **F04B 39/10** (2006.01)

CPC (source: EP US)

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