

Title (en)
PLATE-TYPE VALVE FOR A COMPRESSOR

Publication
EP 0314665 B1 19910227 (DE)

Application
EP 88890262 A 19881019

Priority
AT 284387 A 19871028

Abstract (en)
[origin: US4869291A] A compressor plate valve has a valve seat, a valve guard and at least one valve plate which is mobile to-and-fro therebetween to control passage channels provided in the valve seat. To enable the compressor to be switched to idle running, a lifting device is provided for keeping the valve open. This comprises a seating plate which is disposed mobile between the valve seat and the valve plate in the direction of the lifting movement and has valve ports aligned with the passage channels in the valve seat and connection apertures corresponding with the passage apertures in the valve plate. The lifting force is applied to the seating plate by means of a control device.

IPC 1-7
F04B 39/10; **F04B 49/00**

IPC 8 full level
F04B 39/10 (2006.01); **F04B 49/24** (2006.01)

CPC (source: EP US)
F04B 39/1053 (2013.01 - EP US); **F04B 49/243** (2013.01 - EP US); **Y10T 137/7864** (2015.04 - EP US)

Cited by
US5634492A; EP2876303A3; EP3415757A1; IT201700066770A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0314665 A1 19890503; **EP 0314665 B1 19910227**; AT 396002 B 19930525; AT A284387 A 19920915; DE 3861845 D1 19910404; IN 169064 B 19910831; JP H01262384 A 19891019; US 4869291 A 19890926

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EP 88890262 A 19881019; AT 284387 A 19871028; DE 3861845 T 19881019; IN 922CA1988 A 19881103; JP 27107788 A 19881028; US 26274188 A 19881026