

Title (en)
VALVE PLATE HAVING VALVE LAMELLAE

Title (de)
VENTILPLATTE MIT VENTILLAMELLEN

Title (fr)
PLAQUE DE SOUPAPE COMPORTANT DES LAMELLES DE SOUPAPE

Publication
EP 3994378 A1 20220511 (DE)

Application
EP 20735088 A 20200617

Priority
• DE 102019117634 A 20190701
• EP 2020066658 W 20200617

Abstract (en)
[origin: WO2021001148A1] A valve plate (1) for installation in a reciprocating compressor, which comprises a support region (8) and a valve region (2a, 2b), wherein the valve region (2a, 2b) has a movable valve lamella (5) having a valve seat, by means of which passage channels (3) for a controlled medium in a valve carrier plate (9) can be sealed, wherein the valve region (2a, 2b) engages the support region (8) of the valve plate via webs such that the valve lamella (5) is fixed relative to the support region (8). The valve region (2a, 2b) has a web region (13), which is fixed by the webs (7) relative to the support region (8), wherein the valve lamella (5) is flexibly attached to the web region (13).

IPC 8 full level
F16K 15/14 (2006.01); **F04B 39/10** (2006.01)

CPC (source: EP US)
F04B 39/1066 (2013.01 - EP US); **F04B 39/1073** (2013.01 - EP US)

Citation (search report)
See references of WO 2021001148A1

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Designated extension state (EPC)
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