

Title (en)

RECIPROCATING COMPRESSOR HAVING A VALVE PLATE COMPRISING A DISK VALVE

Title (de)

KOLBENKOMPRESSOR MIT EINER EIN LAMELLENVENTIL AUFWEISENDEN VENTILPLATTE

Title (fr)

COMPRESSEUR À PISTON COMPORTANT UNE PLAQUE DE SOUPAPE PRÉSENTANT UNE SOUPAPE À LAMELLE

Publication

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Application

EP 09702133 A 20090113

Priority

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Abstract (en)

[origin: WO2009090033A2] The invention relates to a reciprocating compressor for generating compressed air, having at least one cylinder (1) in which a piston (2), for compressing ambient air sucked in is disposed, said piston being movable via a crank drive, wherein a valve plate (4) having at least one disk valve (3) as the pressure valve delimits a cylinder chamber (5) on the cylinder head side, wherein the disk valve (3) has a concave valve seat recess (6) incorporated into the valve plate (4) on the side facing away from the piston (2), the contour of said recess being adjusted in a sealing manner to a valve disk (7) likewise shaped in a concave manner.

IPC 8 full level

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CPC (source: EP)

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See references of WO 2009090033A2

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