

Title (en)

VALVE PLATE FOR A COMPRESSOR, AND METHOD FOR COOLING COMPRESSED AIR IN A VALVE PLATE OF A COMPRESSOR

Title (de)

VENTILPLATTE FÜR EINEN KOMPRESSOR UND VERFAHREN ZUR KÜHLUNG KOMPRIMIERTER LUFT IN EINER VENTILPLATTE EINES KOMPRESSORS

Title (fr)

PLAQUE PORTE-SOUPAPE POUR UN COMPRESSEUR ET PROCÉDÉ DE REFROIDISSEMENT DE L'AIR COMPRIMÉ DANS UNE PLAQUE PORTE-SOUPAPE D'UN COMPRESSEUR

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Abstract (en)

[origin: WO2009124659A2] The invention relates to a valve plate (10) comprising a cooling medium duct (20) for a compressor (14) used for generating compressed air. According to the invention, from the perspective of a piston chamber (40) of the compressor (14), at least part of the cooling medium duct (20) extends between the piston chamber (40) and an air discharge valve (22, 24) that is arranged in the valve plate (10). The invention further relates to a method for cooling compressed air in a valve plate (10) of a compressor (14).

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