

Title (en)
A RECIPROCATING COMPRESSOR AND MANUFACTURING METHOD

Title (de)
HUBKOLBENVERDICHTER UND HERSTELLUNGSVERFAHREN

Title (fr)
COMPRESSEUR ALTERNATIF ET SON PROCÉDÉ DE FABRICATION

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Application
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Abstract (en)
A manufacturing method for manufacturing a cylinder for a reciprocating compressor is disclosed. The method comprises the step of manufacturing a compressor barrel comprising a cylinder chamber, a first suction valve seat, fluidly coupled to the cylinder chamber through a respective first gas suction port; and a first delivery valve seat, fluidly coupled to the cylinder chamber through a respective first gas delivery port. The method further comprises the step of manufacturing a gas inlet plenum and further manufacturing a gas discharge plenum, separately from the compressor barrel. The gas inlet plenum and the gas discharge plenum are manufactured by additive manufacturing.

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Citation (search report)
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