

Title (en)
DEVICE AND METHOD FOR COMPRESSING A WORKING MEDIUM

Title (de)
VORRICHTUNG UND VERFAHREN ZUM VERDICHTEN EINES ARBEITSMEDIUMS

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR LA COMPRESSION D'UN FLUIDE DE TRAVAIL

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Application
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Abstract (en)
[origin: WO2019145314A1] The invention relates to a device (1) and a method for compressing a working medium, comprising: - compressing a drive medium in a compressor (2); - moving a drive piston (4) within a first cylinder (5) by means of the compressed drive medium; - moving a high-pressure piston (8), which compresses the working medium, within a second cylinder (9) by means of the drive piston (2); and - transferring heat from the compressed working medium to the compressed drive medium before the compressed drive medium enters the first cylinder (5) of the drive piston (4).

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Citation (search report)
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EP 3514381 A1 20190724; DK 3728846 T3 20210712; EP 3728846 A1 20201028; EP 3728846 B1 20210602; ES 2881647 T3 20211130; HU E054963 T2 20211028; JP 2021511464 A 20210506; JP 6962648 B2 20211105; PL 3728846 T3 20211115; PT 3728846 T 20210714; SI 3728846 T1 20210831; US 11401925 B2 20220802; US 2021033085 A1 20210204; WO 2019145314 A1 20190801

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