

Title (en)

INTEGRALLY GEARED COMPRESSOR WITH AN AXIAL COMPRESSOR UNIT AND METHOD

Title (de)

INTEGRAL ANGETRIEBENER VERDICHTER MIT AXIALVERDICHTEREINHEIT UND VERFAHREN

Title (fr)

COMPRESSEUR À ENGRENAGE INTÉGRÉ DOTÉ D'UNE UNITÉ DE COMPRESSEUR AXIAL ET PROCÉDÉ

Publication

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Application

EP 22741150 A 20220630

Priority

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- EP 2022025301 W 20220630

Abstract (en)

[origin: WO2023280435A1] The integrally geared compressor comprises a bull gear supported for rotation in a gear casing, and a plurality of pinion shafts supported for rotation in the gear casing. Each pinion shaft comprises a respective pinion, which meshes with the bull gear. A first pinion shaft has a first end drivingly coupled to an axial compressor unit comprising a gas inlet, a gas outlet and an axial compression wheel. A second pinion shaft is drivingly coupled to a centrifugal compressor arrangement.

IPC 8 full level

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