

Title (en)
AIR COMPRESSION DEVICE

Title (de)
LUFTKOMPRESSIONSVORRICHTUNG

Title (fr)
DISPOSITIF DE COMPRESSION D'AIR

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Application
EP 20776120 A 20200921

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Abstract (en)
[origin: WO2021063713A1] The invention relates to an air compression device (100) comprising: a compressor device (120) for the compression of air, wherein the compressor device (120) has a compressor axis (122) and the compressor axis (122) is defined by a direction (123) in which air is compressed by the compressor device (120); an electric motor (140) for driving the compressor device (120), wherein the electric motor (140) has an electric motor axis (144) formed by an axis of rotation (142) of the electric motor (140); and a transmission (160), wherein the transmission (160) mechanically connects the electric motor (140) to the compressor device (120). According to the invention, the transmission (160) arranges the compressor device (120) and the electric motor (140) at an angle to one another, wherein the compressor axis (12) and the electric motor axis (144) enclose an angle (400) between 10° and 80°, in particular 20° and 70°, more specifically 30° and 60°.

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