

Title (en)
AIR COMPRESSION DEVICE

Title (de)
LUFTKOMPRESSIONSVORRICHTUNG

Title (fr)
DISPOSITIF DE COMPRESSION D'AIR

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Application
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Abstract (en)
[origin: WO2021063754A1] The invention relates to an air compression device (100) comprising a housing (110), a compressor device (120) for the compression of air, an electric motor (140) for driving the compressor device (120) and for generating an air flow (190) within the housing (110), a transmission (160) for mechanically connecting the electric motor (140) to the compressor device (120), and a power supply (180) at least for supplying the electric motor (140) with power, wherein at least sections of the compressor device (120), the electric motor (140), the transmission (160) and the power supply (180) are arranged in the housing (110). An air guide device (200) is also proposed which guides the air flow (190) from the power supply (180) to the compressor device (120) and the electric motor (140) using the transmission (160), wherein at least sections of the air guide device (200) are arranged within the housing (110).

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