

Title (en)

DRIVE UNIT FOR A CONSTRUCTION AND/OR MATERIAL HANDLING MACHINE

Title (de)

ANTRIEBSEINHEIT FÜR EINE BAU- UND/ODER MATERIALUMSCHLAGSMASCHINE

Title (fr)

UNITÉ D'ENTRAÎNEMENT POUR UNE MACHINE DE CONSTRUCTION ET/OU DE MANUTENTION DE MATÉRIAUX

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Application

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Abstract (en)

[origin: WO2021224075A1] The invention relates to a drive unit for a construction and/or material handling machine or lifting equipment such as a crane, comprising a torque density of more than 20 Nm/l at a predetermined output speed, wherein the drive unit comprises a drive motor and a connected transmission, wherein a fast-running electric motor is provided as the drive motor, wherein the motor speed thereof is at least two times said output speed of the drive unit and is reduced by the transmission by a factor of at least 2 to the output speed of the drive unit.

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