

Title (en)
A CONVEYOR SYSTEM

Title (de)
FÖRDERSYSTEM

Title (fr)
SYSTÈME DE TRANSPORTEUR

Publication
EP 3245152 A1 20171122 (EN)

Application
EP 15828504 A 20151230

Priority
• FI 20155026 A 20150115
• FI 2015050957 W 20151230

Abstract (en)
[origin: WO2016113460A1] A conveyor system comprises a conveyor car (102) movable in a conveyor shaft (101), an electrical drive (103) for moving the conveyor car, and a cooling system for cooling the electrical drive. The cooling system comprises a heat transfer device (104) for transferring heat from cooling fluid to the surrounding air and equipment for circulating the cooling fluid between the electrical drive and the heat transfer device. The heat transfer device is located in an air-flow channel (105) connected to the conveyor shaft and arranged to conduct air moved by the conveyor car when the conveyor car is moving. Thus, the movement of the conveyor car is utilized for cooling the electrical drive because air-flow through the heat transfer device is at least partly caused by the movement of the conveyor car.

IPC 8 full level
B66B 11/00 (2006.01); **B66B 11/04** (2006.01)

CPC (source: EP FI)
B66B 11/0045 (2013.01 - FI); **B66B 11/005** (2013.01 - EP); **B66B 11/04** (2013.01 - EP)

Citation (search report)
See references of WO 2016113460A1

Designated contracting state (EPC)
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Designated extension state (EPC)
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