

Title (en)  
ELEVATOR SYSTEM WITH PROFILED CARRYING BELT

Title (de)  
AUFZUGSYSTEM MIT PROFILIERTEM TRAGRIEMEN

Title (fr)  
SYSTÈME D'ASCENSEUR À COURROIE PORTEUSE PROFILÉE

Publication  
**EP 3941872 A1 20220126 (DE)**

Application  
**EP 20702268 A 20200127**

Priority  
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• EP 2020051842 W 20200127

Abstract (en)  
[origin: WO2020187469A1] The invention relates to an elevator system with a carrying belt 1 that is profiled on at least one side and with at least one drive roller or pulley 4.1, wherein: the carrying belt, on its drive side, loops circumferentially around the drive roller or pulley over part of the circumference in order to transfer the driving force; at least the side of the carrying belt opposite the drive side is designed with a profiling 2 running in the longitudinal direction of the carrying belt; and at least one guide or deflection roller is provided, which is arranged in the immediate vicinity of the drive pulley, has a surface complementary to the profiling, and engages in the profiling, the profiling and guide or deflection roller being designed and arranged such that the carrying belt is guided on the drive pulley by the guide roller, preferably is guided centrally.

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