

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ASCENSEUR

Publication
EP 1535875 A4 20110406 (EN)

Application
EP 02765403 A 20020903

Priority
JP 0208914 W 20020903

Abstract (en)
[origin: EP1535875A1] In the elevator system in the present invention, on a support bench (30) disposed at an upper portion of the hoistway (1), there are arranged a driving device (10) and an idler pulley (14), so that the axis of rotation of a drive sheave (12) and the idler pulley (14) is vertical. A main rope (20) has two parallel paths and has independent ropes, a first rope (21) for the first path, and a second rope (22) for the second path; one of the ends of the ropes are connected together to a counter weight (7) and made to change direction by the deflector sheave (18) for the counter weight; the middle part is passed around the driving device (10), and passed around the driving device (10) again via the idler pulley (14); and the other end is made to change direction respectively by the first deflector sheave (16) for the car and the second deflector sheave (17) for the car, and are respectively connected to the sides of the car (5) at positions opposite to each other. <IMAGE>

IPC 8 full level
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CPC (source: EP)
B66B 11/0045 (2013.01); **B66B 11/008** (2013.01); **B66B 15/04** (2013.01)

Citation (search report)

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- [I] ES 2161183 A1 20011116 - OTIS ELEVATOR CO [US]
- [I] EP 1057771 A2 20001206 - MITSUBISHI ELECTRIC CORP [JP]
- [A] DE 2441992 A1 19750403 - HITACHI LTD
- See references of WO 2004022471A1

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DOCDB simple family (application)
EP 02765403 A 20020903; CN 02822166 A 20020903; JP 0208914 W 20020903; JP 2004534064 A 20020903