

Title (en)
ELEVATOR APPARATUS

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
ASCENSEUR

Publication
EP 1792867 B1 20131120 (EN)

Application
EP 04788024 A 20040922

Priority
JP 2004013841 W 20040922

Abstract (en)
[origin: EP1792867A1] An elevator apparatus capable of securing a maintenance space for a traction machine without increasing an installation space even when a diameter of the traction machine becomes large is provided. In the elevator apparatus including an elevator car 2, a counter weight 3, a driving sheave 4 on which a main rope 9 is wound, and a traction machine 5 which rotates the driving sheave, a reversing pulley 6 which is provided by a side of the driving sheave, has a parallel shaft with a shaft of the driving sheave and rotates in a reverse direction from the driving sheave, a first group turning pulley 8a, a second group turning pulley 8b are included, the main rope is constituted of a first group main rope 9a and a second group main rope 9b, the first group main rope is wound on the driving sheave from the first group turning pulley, turned in the reverse direction to be wound on the reversing pulley, the second group main rope is wound on the reversing pulley from the second group turning pulley, turned in the reverse direction to be wound on the driving sheave, a portion of the first group main rope which is passed onto the reversing pulley from the driving sheave and a portion of the second group main rope which is passed onto the driving sheave from the reversing pulley intersect each other on a plane of projection seen in an axial direction of the driving sheave and the reversing pulley.

IPC 8 full level
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CPC (source: EP)
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DE

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EP 1792867 A1 20070606; EP 1792867 A4 20120530; EP 1792867 B1 20131120; CN 100590053 C 20100217; CN 1882491 A 20061220; JP 4294056 B2 20090708; JP WO2006033146 A1 20080515; WO 2006033146 A1 20060330

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