

Title (en)
Elevator apparatus

Title (de)
Aufzugsvorrichtung

Title (fr)
Appareil d'ascenseur

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Abstract (en)
[origin: EP1308411A1] A known traction type elevator apparatus, in which a hoist gear is arranged in a pit portion below a hoist way, is defective in that when water comes into the hoist way, the hoist gear is submerged in water and hence it becomes necessary to replace the submerged hoist gear with a new one. Otherwise, in order to make it possible to reuse the submerged hoist gear, it is required to provide a completely water-proof type hoist gear in advance, thus giving rise to a problem of increased production costs. In addition, if the hoist gear is arranged at too high a location, there would arise another problem in that the life time of the rope is shortened. The present invention is intended to obviate the problems as referred to above, and the life time of the hoist rope is ensured by arranging the hoist gear in the hoist way at a location above a surface of the lowermost floor in such a manner that the rope wrapped around a traction sheave of the hoist gear does not reach two or more return wheels arranged on a cage side and a weight side of the traction sheave. <IMAGE>

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