

Title (en)
SYNTHETIC FIBER ROPE FOR ELEVATORS

Title (de)
SYNTHTISCHER FASERSTRANG FÜR AUFZÜGE

Title (fr)
FILIN EN FIBRE SYNTHETIQUE POUR ASCENSEURS

Publication
EP 1312574 A4 20070110 (EN)

Application
EP 00954956 A 20000824

Priority
JP 0005671 W 20000824

Abstract (en)
[origin: EP1312574A1] An outer sheath layer 3 made of flexible synthetic resin is formed so as to cover the outer circumferences of a plurality of synthetic-resin-made strands 2 constituting an outer circumference portion of a synthetic fiber rope. Segments of predetermined lengths in the outer sheath layer 3 are formed so as to be adjacent to each other and differ in color from each other. On the basis of a relationship between the colored segments and a sheave around which the main cable is wound, the position of a car in a shaft is assigned to one of the colored segments in the outer sheath layer 3 beforehand. This realizes a function equal to that of indices marked on the synthetic fiber rope. As a result, even after an elevator system has been used for a long period of time, indices can be identified readily, thereby preventing difficulty in identifying indices, which would otherwise be caused by wear due to aging. Hence, there can be appropriately addressed an operation for rescuing passengers in an accidentally-stopped elevator car, thereby speeding the rescue operation. <IMAGE>

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Citation (search report)

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