

Title (en)
ROPE, AND ELEVATOR USING THE SAME

Title (de)
SEIL SOWIE AUFZUG MIT DEMSELBEN

Title (fr)
CORDE ET ASCENSEUR L'UTILISANT

Publication
EP 1273695 A1 20030108 (EN)

Application
EP 01901497 A 20010122

Priority
• JP 0100387 W 20010122
• JP 2000077776 A 20000315

Abstract (en)
An elevator in which the sheave diameter is reduced and the attendant lowering of the rope life and strength is suppressed to secure safety and reliability. To this end, a rope is used in which a plurality of element wires constituting the wire rope are each covered with resin material and the whole wire rope is covered with resin material, thereby reducing the wear due to slippage between the element wires and the wear due to contact with the sheave, which wear occurs when the rope is entrained around the sheave. When the elevator sheave diameter is reduced, a worried lowering of the rope life can be suppressed or the rope life can be improved. Thus, it is possible to achieve reduction of size and weight of equipment including motors and hoists, installation space saving for elevators, improved safety and reliability of the system by virtue of the increased rope life. <IMAGE>

IPC 1-7
D07B 1/16; B66B 7/06; B66B 11/08

IPC 8 full level
B66B 7/06 (2006.01); **B66B 11/00** (2006.01); **D07B 1/16** (2006.01)

CPC (source: EP)
B66B 7/06 (2013.01); **B66B 11/008** (2013.01); **D07B 1/144** (2013.01); **D07B 1/162** (2013.01); **D07B 1/148** (2013.01); **D07B 2201/2012** (2013.01); **D07B 2201/2044** (2013.01); **D07B 2201/2087** (2013.01); **D07B 2201/2088** (2013.01); **D07B 2201/2091** (2013.01); **D07B 2201/2092** (2013.01); **D07B 2205/50** (2013.01); **D07B 2401/206** (2013.01); **D07B 2401/207** (2013.01); **D07B 2501/2007** (2013.01)

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Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1273695 A1 20030108; **EP 1273695 A4 20081217**; **EP 1273695 B1 20181024**; CN 1177100 C 20041124; CN 1388844 A 20030101; JP 2001262482 A 20010926; JP 3724322 B2 20051207; WO 0168973 A1 20010920

DOCDB simple family (application)
EP 01901497 A 20010122; CN 01802638 A 20010122; JP 0100387 W 20010122; JP 2000077776 A 20000315