

Title (en)
ELEVATOR ROPE

Title (de)
AUFZUGSKABEL

Title (fr)
CÂBLE D'ASCENSEUR

Publication
EP 2055829 A4 20131002 (EN)

Application
EP 06796801 A 20060825

Priority
JP 2006316728 W 20060825

Abstract (en)
[origin: EP2055829A1] An elevator rope has a core rope, and twelve outer layer strands that are arranged on an outer peripheral portion of the core rope at intervals from one another. The core rope has a core strand, an inner layer covering member with which an outer periphery of the core strand is covered, six inner layer strands which are arranged on an outer peripheral portion of the inner layer covering member at intervals from one another, and an outer layer covering member with which the core strand, the inner layer covering member and the individual inner layer strands are collectively covered. The core strand, the individual inner layer strands and the individual outer layer strands are respectively composed of a plurality of elemental wires twisted together.

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

CPC (source: EP KR)
B66B 7/06 (2013.01 - EP); **D07B 1/0673** (2013.01 - EP); **D07B 1/08** (2013.01 - KR); **D07B 1/10** (2013.01 - KR); **D07B 1/12** (2013.01 - KR); **D07B 1/165** (2013.01 - EP); **D07B 2201/1036** (2013.01 - EP); **D07B 2201/2065** (2013.01 - EP); **D07B 2201/2073** (2013.01 - EP); **D07B 2201/2074** (2013.01 - EP); **D07B 2501/2007** (2013.01 - EP)

Citation (search report)
• [XY] WO 2006061888 A1 20060615 - MITSUBISHI ELECTRIC CORP [JP], et al & EP 1820765 A1 20070822 - MITSUBISHI ELECTRIC CORP [JP]
• [Y] WO 03050348 A1 20030619 - MITSUBISHI ELECTRIC CORP [JP], et al & US 2004026178 A1 20040212 - HONDA TAKENOBU [JP]
• See references of WO 2008023434A1

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Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 2055829 A1 20090506; EP 2055829 A4 20131002; EP 2055829 B1 20151111; CN 101415880 A 20090422; CN 101415880 B 20121121; JP 5307395 B2 20131002; JP WO2008023434 A1 20100107; KR 101171688 B1 20120806; KR 20110099144 A 20110906; WO 2008023434 A1 20080228

DOCDB simple family (application)
EP 06796801 A 20060825; CN 200680054143 A 20060825; JP 2006316728 W 20060825; JP 2007526089 A 20060825; KR 20117017878 A 20060825