

Title (en)

Method and associated apparatus for reducing the tension of wires during a strand production process

Title (de)

Verfahren und Apparat zum reduzieren der Zugkraft in Drähte während ein Seilherstellungsverfahren

Title (fr)

Méthode et appareil de réduction de tension dans des fils lors d'un processus de fabrication d'un câble

Publication

EP 1331650 A3 20031203 (EN)

Application

EP 03075183 A 20030120

Priority

IT MI20020120 A 20020124

Abstract (en)

[origin: EP1331650A2] Method for reducing the tension of wires during a process for production of a strand using said wires, comprising the steps of unwinding at least one wire (1) from a supply reel, feeding the unwound wire (1) to a stranding machine which pulls the wire, winding it onto a take-up reel (31) at a predetermined winding speed, said at least one wire being subjected to a pulling/pushing action in the same sense as the direction of feeding thereof, along the section of the travel path between the supply reel and the point of entry into the stranding machine. <IMAGE>

IPC 1-7

H01B 13/02

IPC 8 full level

H01B 13/02 (2006.01)

CPC (source: EP US)

H01B 13/0285 (2013.01 - EP US)

Citation (search report)

[XA] EP 0352049 A1 19900124 - SUMITOMO WIRING SYSTEMS [JP]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

EP 1331650 A2 20030730; EP 1331650 A3 20031203; EP 1331650 B1 20100728; EP 1331650 B8 20100901; AT E475973 T1 20100815; DE 60333509 D1 20100909; IT MI20020120 A0 20020124; IT MI20020120 A1 20030724; US 2003141400 A1 20030731

DOCDB simple family (application)

EP 03075183 A 20030120; AT 03075183 T 20030120; DE 60333509 T 20030120; IT MI20020120 A 20020124; US 34912403 A 20030122