

Title (en)  
WIRE HARNESS ASSEMBLING DEVICE AND WIRE HARNESS ASSEMBLING METHOD

Title (de)  
KABELBAUM-ZUSAMMENBAUVERFAHREN UND KABELBAUM

Title (fr)  
DISPOSITIF ET PROCEDE D'ASSEMBLAGE DE FAISCEAUX DE FILS

Publication  
**EP 1630827 A8 20060517 (EN)**

Application  
**EP 04745374 A 20040527**

Priority  
• JP 2004007268 W 20040527  
• JP 2003154690 A 20030530

Abstract (en)  
[origin: EP1630827A1] There is provided an apparatus (1) for assembling a wire harness and a method of the same for allowing a sub-harness to be easily wired. The wire harness includes a plurality of sub-harnesses. Each sub-harness includes sub-harness identifying data for identifying the sub-harnesses each other. The apparatus 1 includes a wiring board (10), LEDs (11), a bar code scanner (12), and a controller (13). The sub-harnesses, namely, the wire harness is wired on a surface (14a) of a main board (14) of the wiring board (10). The LEDs (11) are disposed corresponding to turning points and terminals of wires as the sub-harnesses. The bar code scanner (12) reads the sub-harness identifying data. The controller (13) identifies the turning points, through which the sub-harness identified by the sub-harness identifying data is to be wired, and the terminals to be disposed on the wiring board (10). The controller (13) switches on the LEDs 11 corresponding to the turning points and the terminals, and off the other LEDs.

IPC 1-7  
**H01B 13/012**

IPC 8 full level  
**H01B 13/012** (2006.01); **H02G 1/00** (2006.01); **H02G 3/38** (2006.01)

CPC (source: EP)  
**H01B 13/01245** (2013.01)

Citation (search report)  
See references of WO 2004107363A1

Cited by  
DE102019126470A1; US9396844B2; US10510469B2

Designated contracting state (EPC)  
PT SK

DOCDB simple family (publication)  
**EP 1630827 A1 20060301**; **EP 1630827 A4 20080702**; **EP 1630827 A8 20060517**; **EP 1630827 B1 20101222**; CN 100490023 C 20090520; CN 1813320 A 20060802; JP 2004356021 A 20041216; MX PA05012915 A 20060213; PT 1630827 E 20110127; WO 2004107363 A1 20041209

DOCDB simple family (application)  
**EP 04745374 A 20040527**; CN 200480018358 A 20040527; JP 2003154690 A 20030530; JP 2004007268 W 20040527; MX PA05012915 A 20040527; PT 04745374 T 20040527