

Title (en)

SYSTEM FOR LAYING AND REMOVING SUSPENDED DUCTING IN A BUILDING

Title (de)

SYSTEM ZUM VERLEGEN UND ENTFERNEN VON HÄNGENDEN KABELFÜHRUNGEN IN EINEM GEBÄUDE

Title (fr)

SYSTÈME DE POSE ET DE DÉPOSE DE GAINES SUSPENDUES DANS UN BÂTIMENT

Publication

EP 3589798 A1 20200108 (FR)

Application

EP 18712803 A 20180302

Priority

- FR 1751736 A 20170303
- EP 2018055217 W 20180302

Abstract (en)

[origin: WO2018158447A1] The present invention relates to a system intended to be fixed under the ceiling (Pf) of a building in order to lay flexible ducting (Gs) under the said ceiling and set the said ducting, the said flexible ducting (Gs) being of the type comprising connectors (Cn) for hanging it. According to the invention, the said system comprises: – a drive unit (Bt), – a return unit (Bv), – a guide rail (Rg), connectors connecting the drive unit (Bt) to the return unit (Bv), the drive unit (Bt) comprising a mechanism (Mt) for driving, in a loop, a suspension cable (Cb) for the connectors (Cn), the said mechanism (Mt) comprising a pulley (P1) driving a first strand (B1) of the said cable (Cb) via the guide rail (Rg) in order to drive the connectors (Cn) along same, a driver (En) designed to cause the said pulley to turn, the return unit (Bv) comprising a return pulley (P3) for returning the other strand (B2) of the said cable (Cb), the cable (Cb) being provided at regular intervals with bushings (D1), each connector (Cn) comprising a fixing means (Mf) including a catching means intended to hang the said connector off the cable and a clamping means intended to clamp the said connector laterally to a corresponding bushing (D1).

IPC 8 full level

E04F 17/04 (2006.01); **E21F 17/02** (2006.01)

CPC (source: EP)

E04F 17/04 (2013.01); **E21F 17/02** (2013.01)

Citation (search report)

See references of WO 2018158447A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018158447 A1 20180907; EP 3589798 A1 20200108; EP 3589798 B1 20210428; FR 3063505 A1 20180907; FR 3063505 B1 20190419; MX 2019010456 A 20191211

DOCDB simple family (application)

EP 2018055217 W 20180302; EP 18712803 A 20180302; FR 1751736 A 20170303; MX 2019010456 A 20180302