

Title (en)  
CABLE TIE TOOL

Title (de)  
KABELBINDEWERKZEUG

Title (fr)  
OUTIL D'ATTACHE DE CÂBLE

Publication  
**EP 4039601 A1 20220810 (EN)**

Application  
**EP 21155405 A 20210205**

Priority  
EP 21155405 A 20210205

Abstract (en)  
A cable tie tool has a first operating unit (10), a second operating unit (20) having two guiding holes (23) aligned to each other, a pivoting shaft (30), a torsion spring (40) abutting against and pushing the first and the second operating units (10, 20), a cutting assembly (50) having an activating element (51) pivotally connected to the second operating unit (20) and a cutting element (52) movably mounted in the second operating unit (20) and driven by the activating element (51), and an extension spring (60) connected between the activating element (51) and the second operating unit (20). The pivoting shaft (30) is pivotally connected the two operating units (10, 20), and movable along the guiding holes (23). When the extension spring (60) is stretched, the activating element (51) blocks the pivoting shaft (30) from moving along the guiding holes (23).

IPC 8 full level  
**B65B 13/02** (2006.01)

CPC (source: EP)  
**B65B 13/027** (2013.01)

Citation (search report)

- [XAY] US 5372166 A 19941213 - LAI CHANG-KENG [TW]
- [Y] US 4733701 A 19880329 - LOISEL FRANCOIS [FR], et al
- [A] FR 3084604 A1 20200207 - LEGRAND FRANCE [FR], et al

Cited by  
CN115046113A

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)  
**EP 4039601 A1 20220810; EP 4039601 B1 20231129; ES 2971309 T3 20240604**

DOCDB simple family (application)  
**EP 21155405 A 20210205; ES 21155405 T 20210205**