

Title (en)
Cable tie

Title (de)
Kabelbinder

Title (fr)
Attache de câble

Publication
EP 2583909 A1 20130424 (EN)

Application
EP 12157398 A 20120228

Priority
TW 100219519 U 20111019

Abstract (en)
A cable tie is disclosed. The cable tie has a band (11) and a fastening slot (12). The band is provided with a plurality of ribs (113), and the fastening slot is formed with an engaging portion (13) for engaging the ribs when the band passes through the fastening slot so as to bind articles. The engaging portion (13) is provided with at least one engaging tooth. A distance between a tip of the engaging tooth and the fixed end of the engaging portion (13) and along a lengthwise direction of the band (11) is smaller than a distance between the free end and the fixed end of the engaging portion (13) and along the lengthwise direction of the band (11), and which prevents the engaging portion from being broken due to shearing effect applied by the ribs when the cable tie is operated in a low-temperature environment such as minus 40 degrees Celsius.

IPC 8 full level
B65D 63/10 (2006.01)

CPC (source: EP US)
B65D 63/1072 (2013.01 - EP US); **Y10T 24/14** (2015.01 - EP US)

Citation (search report)

- [X] CH 537844 A 19730615 - ALL STATES PLASTIC MFG CO [US]
- [X] US 6044524 A 20000404 - SORENSEN SOREN CHRISTIAN [KY], et al
- [I] EP 0235997 A1 19870909 - SORENSEN JENS OLE
- [A] NL 6910941 A 19710119

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 2583909 A1 20130424; EP 2583909 B1 20160224; CN 202301318 U 20120704; TW M421920 U 20120201; US 2013097814 A1 20130425

DOCDB simple family (application)
EP 12157398 A 20120228; CN 201120434907 U 20111104; TW 100219519 U 20111019; US 201213407545 A 20120228