

Title (en)
ADJUSTABLE TIGHTENING APPARATUS

Title (de)
EINSTELLBARE SPANNVORRICHTUNG

Title (fr)
APPAREIL DE SERRAGE RÉGLABLE

Publication
EP 4294742 A1 20231227 (EN)

Application
EP 22757126 A 20220222

Priority
• US 202117182189 A 20210222
• US 2022017345 W 20220222

Abstract (en)
[origin: WO2022178435A1] A tie to secure items therewithin that can be loosened or released to allow the items to be removed therefrom and the tie to be reused. The tie includes an elongated strap having teeth formed thereon that engage with teeth in a locking head to allow movement in only one direction (tightening). A release pad in conjunction with a backplate enables the teeth in the locking head to be disengaged from the teeth on the elongated strap when the release pad is depressed so that the strap can move in an opposite direction (removal). The release pad and the backplate are configured to face away from the items secured within the strap to provide more room for engagement (e.g., by a user's hand) and provide necessary leverage to release the cable tie without need to press the tie against other items (e.g., cables, chassis).

IPC 8 full level
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CPC (source: EP)
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Designated extension state (EPC)
BA ME

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KH MA MD TN

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