

Title (en)
BUTTON SHANK FEED APPARATUS FOR USE WITH BUTTON SHANK WRAPPING APPARATUS AND A METHOD OF USE THEREOF

Title (de)
KNOPFSTIELVORSCHUBVORRICHTUNG ZUR VERWENDUNG MIT EINER KNOPFSTIELWICKELVORRICHTUNG UND VERFAHREN ZUR VERWENDUNG DAVON

Title (fr)
APPAREIL D'ALIMENTATION DE TIGE DE BOUTON DESTINÉ À ÊTRE UTILISÉ AVEC UN APPAREIL D'ENVELOPPEMENT DE TIGE DE BOUTON ET PROCÉDÉ D'UTILISATION ASSOCIÉ

Publication
EP 3399087 A1 20181107 (EN)

Application
EP 18275062 A 20180501

Priority
GB 201707197 A 20170505

Abstract (en)
Button shank feed apparatus and method of using the apparatus are provided for use with button shank wrapping apparatus. The button shank feed apparatus includes support means for supporting at least one button shank in use. Initiation means are provided for initiating a button shank wrapping process to be undertaken by button shank wrapping apparatus provided with or associatable with the feed apparatus in use. Outlet means are provided for allowing the wrapped button shank to be released from the feed apparatus following completion of a button shank wrapping process in use. The initiation means are arranged such that they are movable automatically from a resting or non-operational position to an operational position on contact with a button shank therewith in use or on detection of at least one button shank in or with the support means in use.

IPC 8 full level
D05B 3/16 (2006.01); **D05B 3/22** (2006.01)

CPC (source: EP)
D05B 3/16 (2013.01); **D05B 3/22** (2013.01)

Citation (applicant)
• WO 9809012 A1 19980305 - ASCOLIT SCHAERER AG [CH], et al
• WO 9809612 A1 19980312 - COLGATE PALMOLIVE CO [US]

Citation (search report)
• [I] WO 2010109177 A2 20100930 - MMS UK LTD [GB], et al
• [A] US 2597912 A 19520527 - TROLL WILLIAM A
• [A] US 3073483 A 19630115 - IRVING MEDOFF
• [A] DE 2549832 A1 19760513 - UNION SPECIAL CORP
• [A] TW 201000042 A 20100101 - JUKI KK [JP]
• [A] US 4712493 A 19871215 - ASO HIDEO [JP], et al
• [A] DE 3815556 A1 19881124 - JUKI KK [JP], et al

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)
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