

Title (en)
Turning multiple-winding machine.

Title (de)
Mehrfach-Wickelwendemaschine.

Title (fr)
Bobineuse multiple tournante.

Publication
EP 0087644 A1 19830907 (DE)

Application
EP 83101297 A 19830210

Priority
DE 3205779 A 19820218

Abstract (en)
[origin: US4524919A] A multiple bolt turning machine comprises a winding star which is adapted to rotate a bolt being wound with a web of material from a bolt winding position to a bolt removal position. A feed roll engages the incoming web of material at the bolt winding position, and as the winding star rotates to move the bolt from the winding position to the removal position the feed roll is also repositioned to remain in contact with the bolt, and is concurrently moved in a direction transverse to the axes of rotation of the winding star and feed roll to keep the angle of contact between the feed roll and the web of material substantially constant throughout the movement of the bolt between said winding and removal positions.

Abstract (de)
Bei einer Mehrfach-Wickelwendemaschine mit einer Andruckwalze (9) wird während des Wickelvorgangs die zulaufende Warenbahn (16) in Abhängigkeit von der Schwenklage des Wickelsterns (4) nachgeführt. Dabei ist die Verstellung der Stellmotoren (13) in Abhängigkeit vom Durchmesser des Wickels (17) in der Weise regelbar, daß der Umschlingungswinkel der Warenbahn (16) von der Andruckwalze (9) zumindest im wesentlichen stets gleich bleibt. Hierdurch wird eine einwandfreie Wickelqualität ohne Verzug und Faltenbildung sichergestellt.

IPC 1-7
B65H 17/06

IPC 8 full level
B65H 18/02 (2006.01); **B65H 18/14** (2006.01); **B65H 18/16** (2006.01)

CPC (source: EP US)
B65H 18/0212 (2020.08 - EP US); **B65H 18/16** (2013.01 - EP US)

Citation (search report)
• [A] DE 2423227 A1 19751127 - ARTOS MEIER WINDHORST KG
• [A] DE 2632608 A1 19770210 - NISHIMURA SEISAKUSHO CO
• [AD] DE 7728223 U1 19780126
• [AD] DE 8124903 U1 19820107

Cited by
EP0187466A3; CN105775806A; EP0466951A1; DE19923930A1; DE29610197U1; US6390408B1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0087644 A1 19830907; **EP 0087644 B1 19850925**; DE 3205779 A1 19830908; DE 3360854 D1 19851031; JP S58152745 A 19830910; US 4524919 A 19850625

DOCDB simple family (application)
EP 83101297 A 19830210; DE 3205779 A 19820218; DE 3360854 T 19830210; JP 2386983 A 19830217; US 46698583 A 19830215