

Title (en)
TURNING MULTIPLE-WINDING MACHINE

Publication
EP 0087644 B1 19850925 (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.

IPC 1-7
B65H 18/14

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)

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

Designated contracting state (EPC)
DE FR GB IT

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