Title (en)
  Automatic tie gun.

Title (de)
  Automatisches Bündelwerkzeug.

Title (fr)
  Outil automatique à ficeler.

Publication
  EP 0035367 A1 19810909 (EN)

Application
  EP 81300791 A 19810226

Priority
  GB 8006529 A 19800227

Abstract (en)
  A tie gun (1) for applying a flexible tie (16) around a roll or bundle, said tie (16) having an apertured head (17) through which the tail of the tie,
  after looping around the roll or bundle, is threaded, tensioned and locked in position, the gun incorporating an indexing means (28 to 31) including
  a rotary drum (31) which advances successive ties, tail forward, into the path of a push rod (11) driven by a trigger (2) actuated, pneumatically
  operated cylinder/piston (8) so that said push rod (11) performs a rearward stroke during the second part of an operating cycle and in so doing
  indexes the tie feed rum (31) and simultaneously turns the buckle (17) of an advanced tie (16) into a tail receiving position, thus completing loading
  of the gun in readiness for the next operating cycle during the first part of which the push rod (11) moves forwardly to push the tail around the roll or
  bundle to be tied back through the preorientated buckle (17) ready for tensioning and locking.

IPC 1-7
  B65B 13/02; B25B 25/00

IPC 8 full level
  B65B 27/00 (2006.01); **B25B 25/00** (2006.01); **B65B 13/02** (2006.01); **B65B 13/18** (2006.01); **B65D 63/10** (2006.01); **B65D 63/12** (2006.01);
  F16B 2/08 (2006.01)

CPC (source: EP)
  B65B 13/027 (2013.01); **B65B 13/188** (2013.01); **B65D 63/1072** (2013.01)

Citation (search report)
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  WO03037735A3

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DOCDB simple family (application)
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  JP 2829981 A 19810226; JP 2830081 A 19810226