

Title (en)
MACHINE FOR TYING WIRE COILS

Publication
EP 0015223 B1 19830406 (FR)

Application
EP 80630006 A 19800206

Priority
FR 7904535 A 19790222

Abstract (en)
[origin: US4301720A] A machine for tying a coil of wire with ties comprises a substantially flat support having at least one cutout, wherein the coil and the flat support are movable with respect to each other to place a portion of the coil into the cutout. A clamp is provided in the region between the closed end of the cutout and the adjacent end face of the coil for gripping one end of the tie at a fixed point. A tie guide rotatably mounted on the flat support defines a path about the cutout and carries an element for gripping a point of the tie adjacent the fixed point so that during rotation of the tie guide the tie is wound about the portion of the coil in the cutout. A cutter arranged in the region between the closed end of the cutout and the end face of the coil serves to cut the tie after being wound about the portion of the coil, whereafter the ends of the tie are twisted by twisting elements.

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B65B 27/06

IPC 8 full level
B65B 13/12 (2006.01); **B65B 13/28** (2006.01); **B65B 27/06** (2006.01)

CPC (source: EP US)
B65B 13/28 (2013.01 - EP US); **B65B 27/06** (2013.01 - EP US)

Cited by
DE10017908A1; DE10017908C2

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US 4301720 A 19811124; AT E2946 T1 19830415; CA 1124635 A 19820601; DE 3062566 D1 19830511; EP 0015223 A1 19800903; EP 0015223 B1 19830406; ES 488099 A1 19800916; FR 2429150 A1 19800118; FR 2429150 B1 19820702; JP S55154207 A 19801201; PT 70605 A 19800101

DOCDB simple family (application)
US 12008180 A 19800207; AT 80630006 T 19800206; CA 345578 A 19800213; DE 3062566 T 19800206; EP 80630006 A 19800206; ES 488099 A 19800131; FR 7904535 A 19790222; JP 1965680 A 19800219; PT 7060579 A 19791218