

Title (en)
DEVICE FOR REMOVING WIRE FROM UNITS

Publication
EP 0467930 B1 19921230 (DE)

Application
EP 90906115 A 19900419

Priority
DE 8906616 U 19890530

Abstract (en)
[origin: WO9014994A1] The invention relates to a device for removing wire from units (7) from two closely adjacent stacks of several superimposed bales (11, 12, 13) whereby each unit (7) in a plane is surrounded by a bunch (15) of several parallel single wires. In order to remove the wire from the units (7) fully automatically and at the same time wind the bundle of wires into a coil, there is a wire cutting device (18) in the lower part of the unit (7) combined with a wire lifting device (3) to lift the separated wire bunch (15). There is also a grasping device (4) which grips the wire bunch (15) on both sides of the wire lifting device (3) and takes it into a predetermined removal position. The separated wire bunch (15) is taken up by a winding device, wound into a coil and ejected from the device.

IPC 1-7
B65B 69/00

IPC 8 full level
B65B 69/00 (2006.01)

CPC (source: EP US)
B65B 69/0025 (2013.01 - EP US); **Y10S 83/909** (2013.01 - EP US); **Y10T 29/49821** (2015.01 - EP US); **Y10T 29/5139** (2015.01 - EP US)

Cited by
EP1824742A4

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
DE 8906616 U1 19890713; CA 2039170 A1 19901201; CA 2039170 C 19950912; DE 59000703 D1 19930211; EP 0467930 A1 19920129; EP 0467930 B1 19921230; ES 2037560 T3 19930616; FI 912107 A0 19910430; FI 91378 B 19940315; FI 91378 C 19940627; JP 2753482 B2 19980520; JP H04503794 A 19920709; US 5131135 A 19920721; WO 9014994 A1 19901213

DOCDB simple family (application)
DE 8906616 U 19890530; CA 2039170 A 19900419; DE 59000703 T 19900419; DE 9000294 W 19900419; EP 90906115 A 19900419; ES 90906115 T 19900419; FI 912107 A 19910430; JP 50593690 A 19900419; US 67187491 A 19910410