

Title (en)
Baling press

Title (de)
Ballenpresse

Title (fr)
Presse à balles

Publication
EP 1167005 A3 20030723 (DE)

Application
EP 01115369 A 20010626

Priority
DE 10029979 A 20000626

Abstract (en)
[origin: EP1167005A2] The bale press, to compress loose materials, has a coupling to link the tie rod for a time with the vertically-moving press plate (15). The coupling mechanism, to link with the tie rod for a time, has a shaft (20) mounted in bearing pedestals (21,22) together with a pawl (16) and carrier hooks (17). They are positioned on the press plate so that, especially when the front door is closed, the pawl and hooks point away from the rear wall to the interior in a basic setting, and move to point outwards when the door is open to eject the bale. The press plate is linked to the tie rod at least temporarily during bale ejection.

IPC 1-7
B30B 9/30

IPC 8 full level
B30B 9/28 (2006.01); **B30B 9/30** (2006.01)

CPC (source: EP)
B30B 9/3014 (2013.01); **B30B 9/3032** (2013.01)

Citation (search report)

- [XY] US 4232599 A 19801111 - ULRICH JAMES A
- [Y] DE 2630906 A1 19780112 - SCHLEICHER CO FEINWERKTECH
- [YD] DE 19738060 A1 19990311 - SCHWELLING HERMANN [DE]
- [A] US 5062358 A 19911105 - FOX ANTHONY [US]
- [A] US 3916781 A 19751104 - CERNIGLIA VINCENT J

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
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