

Title (en)

APPARATUS FOR OPENING PRESSED FIBRE BALES, E.G. COTTON AND CELLULOSE WOOL BALES

Publication

**EP 0358891 B1 19930929 (DE)**

Application

**EP 89113305 A 19890720**

Priority

- DE 3826201 A 19880802
- DE 3913929 A 19890427

Abstract (en)

[origin: GB2222606A] In an opening device for opening compressed fibre bales (1), for example cotton and rayon staple bales and the like, high-speed opener rollers (5, 6) containing opener discs or needles are provided and engage with a grid (3, 4) the grid bars of which lie between the opener discs, for example toothed discs, or needles, the movable opening device and the fixed fibre bales (1) touching one another, and the teeth of the opener discs, or the needles, cutting into the fibre bales from above. <??>In order to make possible a higher output and more uniform taking-off, adjusting means for the vertical displacement of the opener rollers (5, 6) relative to one another and/or the grids 3, 4 relative to one another are provided and on the forward stroke and the return stroke during the taking-off operation the opener discs may cut into the fibre bale (1) to different depths. Pressing rollers 8a, 8b may also be adjustable relative to one another. The rollers and grids may have individual or common adjustment means. Adjustments between rollers may be controlled by detecting electric current consumption. <IMAGE>

IPC 1-7

**D01G 7/04; D01G 7/10**

IPC 8 full level

**D01G 7/04** (2006.01); **D01G 7/10** (2006.01); **D01G 7/02** (2006.01)

CPC (source: EP US)

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Cited by

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**FR 2635121 A1 19900209; FR 2635121 B1 19921016**; BR 8903862 A 19900417; CH 679588 A5 19920313; CN 1018269 B 19920916; CN 1040067 A 19900228; DE 8908276 U1 19891214; EP 0358891 A1 19900321; EP 0358891 B1 19930929; ES 2014844 A6 19900716; ES 2043980 T3 19940101; GB 2222606 A 19900314; GB 2222606 B 19920923; GB 8917596 D0 19890913; IT 1231539 B 19911217; IT 8921204 A0 19890717; JP 2694022 B2 19971224; JP H02160925 A 19900620; SU 1732818 A3 19920507; US 5090091 A 19920225; US 5136753 A 19920811

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