

Title (en)
Improved bale forming press.

Title (de)
Formungspresse für Ballen.

Title (fr)
Presse de mise en balles.

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Application
EP 80302617 A 19800731

Priority
AU PD986279 A 19790802

Abstract (en)
A press for compacting material such a wool into bales comprising a receptacle (10) defining a bale-forming space (14), means (7) defining a front wall of said bale-forming space (14), roller means (3, 4) defining part of said front wall (7) for feeding material directly into said bale-forming space (14) for compaction, means (13, 19, 20) for applying pressure to the material in said bale-forming space (14), means (22, 23, 24) for applying bands or the like to the compressed material to hold said material in the form of a bale (B, B min) and means (17, 18) for causing relative reciprocation of said receptacle (10) and said front wall (7) and roller means (3,4) transversely of the direction of feeding of said material into said bale-forming space (14) in timed relation to the rate of feeding of said material whereby said material is evenly distributed and compacted within said bale-forming space (14). Also disclosed are embodiments in which the receptacle (108, 200) is pivoted at the rear end thereof and arcuately reciprocated by means (120; 204, 205) relative to an arcuate front wall means (118, 119; 201) in which feeding rollers (115, 116; 202, 203) are disposed. In one embodiment the front wall comprises a slotted face plate (201) while in the other embodiment, the front wall comprises a series of rollers (118, 119) which are closely spaced and arranged parallel to the feeding rollers (115, 116).

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B30B 9/30; B65B 27/12

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B30B 9/3082 (2013.01); **B65B 27/12** (2013.01)

Citation (search report)
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