

Title (en)
LACING SYSTEM FOR BALER

Title (de)
SCHNÜRSYSTEM FÜR BALLENPRESSE

Title (fr)
SYSTÈME DE LAÇAGE POUR PRESSE À BALLES

Publication
EP 3593982 A1 20200115 (EN)

Application
EP 18182883 A 20180711

Priority
EP 18182883 A 20180711

Abstract (en)
A baler is proposed, the baler (100) suitable for making bales of compressible material by compressing such material in a compartment and then strapping the compressed material with a strap, thereby fixing the material in a compressed state. The baler comprises a ram arrangement comprising a ram (109) and a press plate (108) configured for displacement within the compartment (101) for compressing the material. The press plate (108) comprises at least one track (120) being disposed in a compressing surface of the press plate, such compressing surface being oriented adjacent to the compressible material in a compressing procedure, whereby, when strapping the compressed material, the strap can be pulled through said track while maintaining the bale in a compressed state, by means of a slider (130). Thereby, the track (120) provides an ability to strap a bale of compressible material in a compressed state. In other words, the compressible material may be strapped while the press plate (108) is lowered/providing a compression of the compressible material. Thus, the lacing system is greatly optimised. The track (120) in the press plate (108), specifically the compressing surface (108a), allows for pulling through a strap belonging to the lacing system, such that said strap is immediately disposed across the top surface of the compressible material, the top surface being the surface of said compressible material being in contact with the press plate (108).

IPC 8 full level
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CPC (source: EP)
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• [XY] DE 20119268 U1 20020822 - STRAUTMANN UMWELTECHNIK UND R [DE]
• [X] DE 29507849 U1 19950706 - STRAUTMANN UMWELTECHNIK GMBH [DE]
• [Y] CH 423614 A 19661031 - VOGT ADOLF [DE]
• [A] DE 3238542 A1 19840419 - SCHWELLING HERMANN
• [A] DE 10201797 A1 20030807 - BERMATINGEN MASCHF [DE]
• [A] EP 1418044 A2 20040512 - WASP S R L [IT]

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