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⑦① Applicant: **PERSÖNER VERKSTAD AB, Fack 1511, S-271 00 Ystad (SE)**

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⑦② Inventor: **Nilsson, John Per Evert, Vitsippegatan 5, S-271 00 Ystad (SE)**

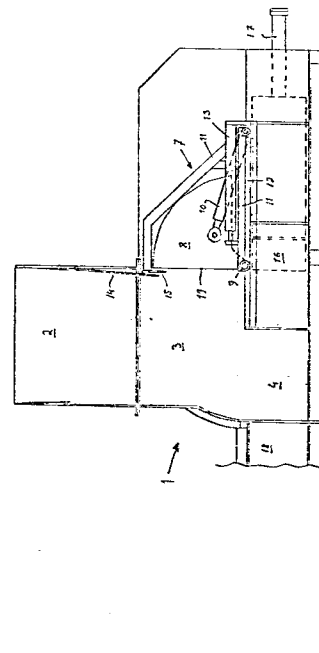
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⑦④ Representative: **Asketorp, Göran P. et al, Lars Holmqvist Patentbyrå AB Box 4289, S-203 14 Malmö 4 (SE)**

⑤④ **A bale press and method for compressing waste material into bales.**

⑤⑦ A hydraulic bale press and a method for compressing bulky goods into bales. The bale press comprises an inlet section (2), a prepress chamber (3) and a main press chamber (4). The prepress chamber (3) comprises a prepress (7) having a prepress unit (8) arranged on a carriage (11) and pivotable around an axis (9). The carriage is reciprocable between a retracted position leaving the prepress chamber (3) essentially free, and an extended position in which a first precompression takes place. A second precompression is made by pivoting the prepress unit (8) around the axis (9) to the position shown in broken lines, thereby compressing the goods down into the main press chamber. During the two steps of the precompression, goods are continuously infed. After performing one or several precompression operations, a main compression is made by means of a main compression plunger (16), thereby feeding the material into a baling channel (18), where the bale is formed and treated in a conventional way.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
X	US-A-4 121 515 (TEA) * Figures 1,3,4; claim 1; column 2, line 65 - column 3, line 11; column 4, lines 47-64 *	1,3,4,5	B 30 B 9/30
X	GB-A-1 360 215 (CHECKLEY et al.) * Figure 1; claim 1; page 2, lines 8-24 *	1,3,5	
A	GB-A-1 159 731 (TEZUKA) * Figure 1; claim 1; page 1, lines 54-69 *	1,3,5	
A	US-A-2 865 284 (THOMPSON et al.) * Figures 1-4; claim *	2,3,6	TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
A	US-A-3 005 403 (VAN ENDERT) * Figure 1; claim 1 *	2,3,6	B 30 B B 65 B
A	DE-A-2 244 037 (SMOLKA) * Figure 2; claim 1 *	2,3,6	
A	US-A-3 942 430 (DAY) * Figure 1; column 3, lines 44-58 *	1-6	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 20-06-1984	Examiner CARMICHAEL D.G.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			