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- (81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

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(54) **Title:** SOD ROLL PICKUP MECHANISM

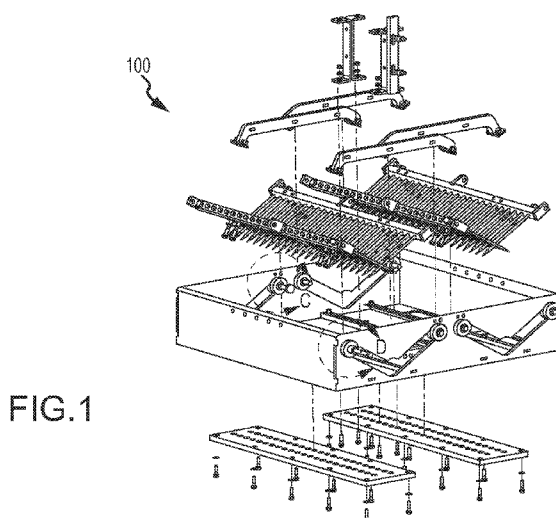


FIG.1

- (57) **Abstract:** A sod roll picker including a pair of right facing spear bar assemblies and a pair of left facing spear bar assemblies. Each of the right and left facing spear bar assemblies includes a spear bar, a plurality of spears secured to the spear bar, and a guide roller disposed on each end of the spear bar assembly. The picker also includes a base frame having a pair of sidewalls connected by a pair of end walls. Each end wall includes a pair of right guide paths configured to receive the guide rollers of the right facing spear bar assemblies and a pair of left guide paths configured to receive the guide rollers of the left facing spear bar assemblies. The picker also includes a right spear bar linkage interconnecting the right facing spear bar assemblies and a left spear bar linkage interconnecting the left facing spear bar assemblies.



A. CLASSIFICATION OF SUBJECT MATTER***A01B 45/04(2006.01)i, A01B 79/00(2006.01)i***

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: sod, grass, pick, roll, frame

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6681864 B2 (TVETENE; DONALD et al.) 27 January 2004 See abstract, column 5, line 15 - column 6, line 27 and figs.9-13.	1-14
A	US 2004-0188107 A1 (EMANUEL A. HENDRIKS et al.) 30 September 2004 See abstract, paragraphs [0027], [0048] and figs.1, 7, 8, 12, 15.	1-14
A	US 06112680 A (HUMMER; J. ROBERT) 05 September 2000 See abstract, column 4, line 49 - column 6, line 11 and figs.1-5.	1-14
A	US 2005-0000705 A1 (BROUWER GERARDUS J. et al.) 06 January 2005 See abstract, paragraphs [0057]-[0058] and figs.3, 5-7, 10-12.	1-14



Further documents are listed in the continuation of Box C.



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