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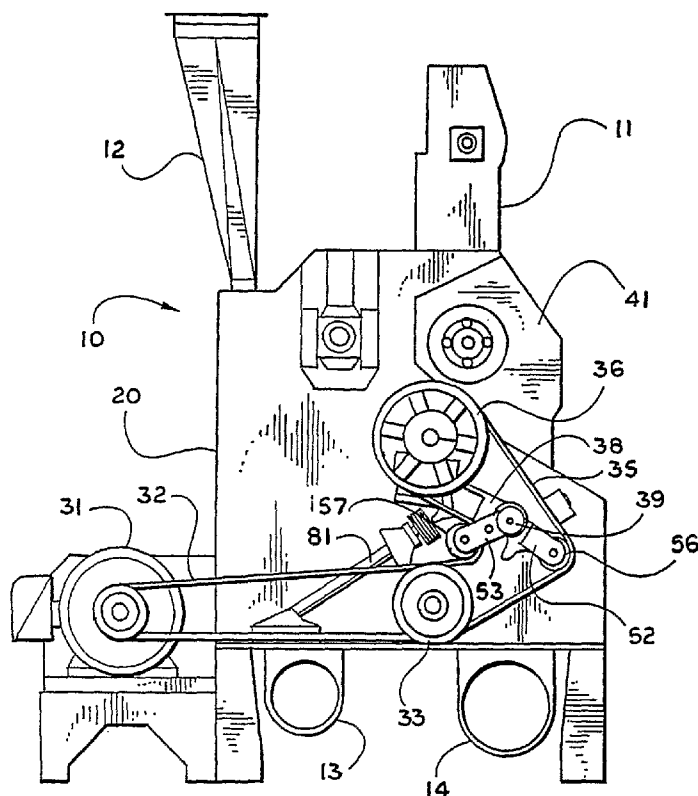
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[Continued on next page]

(54) Title: IMPROVED COTTONSEED DELINTER



(57) Abstract: A delinter apparatus for seed cotton includes a jack screw displacement system for a gratefall which opens the apparatus for removal of a saw cylinder while urging a plurality of belt tensioning idlers into a relaxed position such that the drive belt for the saw cylinder can be removed in a simplified and more efficient manner. The apparatus also has improved flow characteristics due to improvements in the lint feeder design as well as the transition designs from the feeder to the float chamber and saw interface.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: **D01B 1/08**(2006.01)

USPC: 19/41

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)

U.S. : 19/40-47, 55R, 57, 58

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

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

EAST: PGPub, Derwent, EPO, JPO

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,942,643 A (Kincer et al) 24 July 1999 (24.07.1999), Abstract, Figures	I-13
A	US 4,967,448 A (Mizer) 06 November 1990 (06.11.1990), Abstract, Figures	I-13
A	US 2,224,272 A (Myers et al) 10 December 1940 (10.12.1940), Abstract, Figures	I-13

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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