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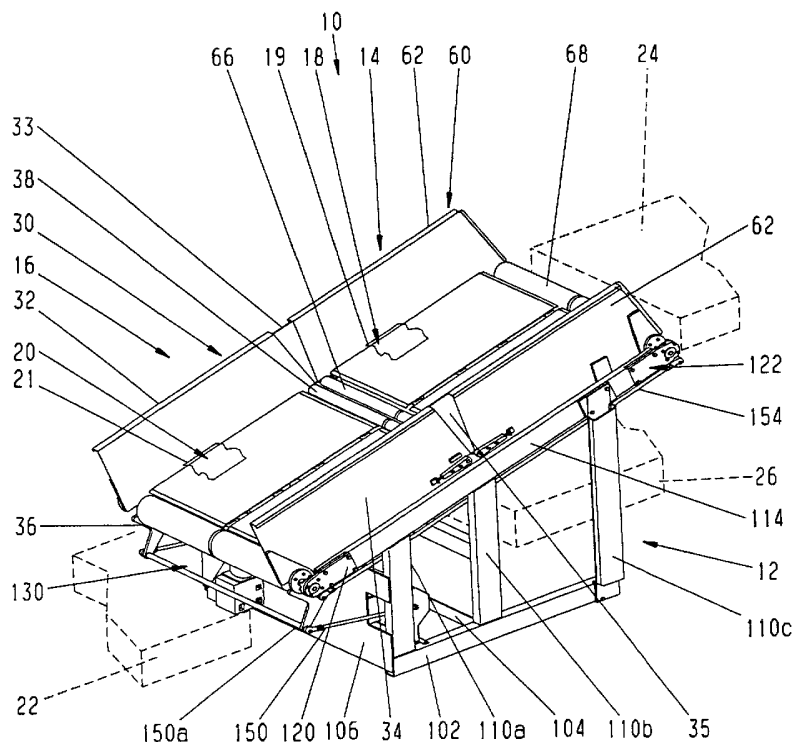
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(54) Title: VERTICAL DIVERTER ASSEMBLY



(57) Abstract: A diverter assembly for diverting articles from a first conveyor path between a first conveyor and a second conveyor to a second conveyor path between the first conveyor and a third conveyor positioned beneath the second conveyor, includes a frame and first and second driven conveying surfaces, which are supported by the frame. Each of the conveying surfaces is adapted to move between a first position and a second position. The first driven conveying surface is pivoted about an input end when moved between its first and second positions, while the second driven conveying surface is pivoted about an output end when moved between its first and second positions. The first and second driven conveying surfaces are aligned when in their respective first positions and define a first conveyor path for transporting articles from the first conveyor to the second conveyor. When in their respective second positions, the first and second driven conveying

surfaces define two separate conveyor paths, with the first driven conveying surface aligning between the first conveyor and the third conveyor to divert articles to the third conveyor, and the second driven conveying surface being generally horizontally aligned with the second conveyor.



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A. CLASSIFICATION OF SUBJECT MATTER
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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

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

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 197 55 204 A (VANDERLANDE IND NEDERLAND) 23 July 1998 (1998-07-23) column 3, line 6 -column 4, line 52; figures 1,2	1-12,15, 17-33, 36-45, 47,49
A	EP 0 774 431 A (SANDVIK AB) 21 May 1997 (1997-05-21) the whole document	1-49



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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