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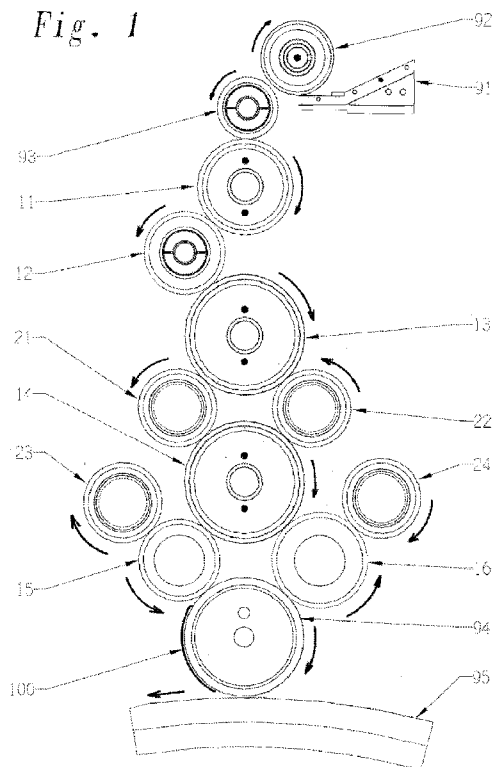
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(54) Title: INKER ASSEMBLY FOR CYLINDRICAL CAN DECORATORS



(57) Abstract: A cylindrical can decorator inker assembly having a non-oscillating first transfer roll, a non-oscillating second transfer roll and a non-oscillating third transfer roll, and further having axially oscillating distributor and ghost chaser rolls to prevent ghosting on the decorated cans. The inker assembly preferably has an improved oscillator drive assembly, oscillating roll structure, transfer roll structure and inker assembly mount.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - B41F 17/22 (2013.01)

USPC - 101/348, 350.1

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)

IPC(8): B41F 17/22 (2013.01)

USPC: 101/348, 350.1

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

USPC: 101/36, 38.1, 213, 216, 217, 328-331, 349.1, 364, 367, 375, DIG35

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

Patbase, Google Patents, Google Scholar

search terms: ductor, switch, reciprocate, convey, intermittent, image, plate, distributing, distributor, roll, cylinder, drum, oscillate, axial, move, ghost, chaser, transfer, non oscillate, non vibrate, can, decorate, print, water, cool, shaft, cavity, belt, pivot, plate, wall, support

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y — A	EP 0 363 228 A2 (Kemp) 11 April 1990 (11.04.1990), col 1, ln 26-34; col 6, ln 42-49; col 7, ln 44-56; col 8, ln 6-21; col 9, ln 20-27; col 12, ln 25-27; Figs. 1, 2	1-6, 9, 12-19 ----- 7, 8, 10, 11
Y — A	US 2002/0139266 A1 (Faulhammer et al.) 03 October 2002 (03.10.2002), para [0035]; Fig. 2	1-6, 9, 12-19 ----- 7, 8, 10, 11
A	US 4,741,266 A (Stirbis et al.) 03 May 1988 (03.05.1988), col 19, ln 15-28; Fig. 35	7
A	US 4,301,728 A (Jaffe et al.) 24 November 1981 (24.11.1981), col 2, ln 33-36, Fig. 3	8
A	US 2,750,883 A (Dietrich et al.) 19 June 1956 (19.06.1956), col 2, ln 34-36; Fig. 1	8

Further documents are listed in the continuation of Box C.

* Special categories of cited documents:	“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
“A” document defining the general state of the art which is not considered to be of particular relevance	“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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“L” document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	“&” document member of the same patent family
“O” document referring to an oral disclosure, use, exhibition or other means	
“P” document published prior to the international filing date but later than the priority date claimed	

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