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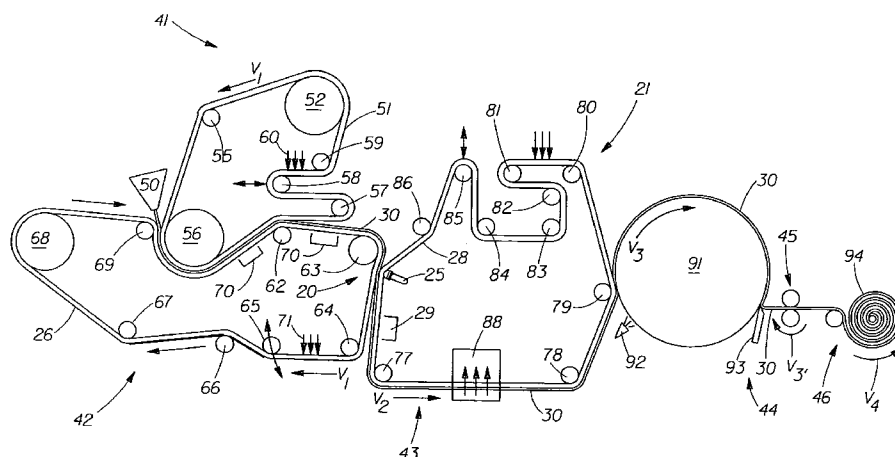
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(54) Title: PROCESS OF MAKING WET-MICROCONTRACTED PAPER



(57) Abstract: A process of making a wet-microcontracted fibrous structure product comprising the steps of: forming an embryonic web and forwarding the web at a first velocity on a carrier fabric to a transfer zone having a transfer/imprinting fabric; non-compressively removing water from the web; transferring the web to the transfer/imprinting fabric in the transfer zone without precipitating substantial densification of the web; forwarding, at a second velocity, the transfer/imprinting fabric along a looped path in contacting relation with a transfer head disposed at the transfer zone, the second velocity being from about 5% to about 40% slower than the first velocity; adhesively securing the web to a drying cylinder having a third velocity; drying the web without overall mechanical compaction of the web; creping the web from the drying cylinder with a doctor blade, the doctor blade having an impact angle of from about 90 degrees to about 130 degrees; and reeling the web at a forth velocity that is faster than the third velocity of the drying cylinder.

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A. CLASSIFICATION OF SUBJECT MATTER
INV. D21H27/00 D21F11/00

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, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	US 4 919 756 A (SAWDAI ALBERT H [US]) 24 April 1990 (1990-04-24) claims column 5, line 34 - line 49	1
Y	US 4 529 480 A (TROKHAN PAUL D [US]) 16 July 1985 (1985-07-16) cited in the application figures 2-5	1-9
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

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P document published prior to the international filing date but later than the priority date claimed

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

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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* & * document member of the same patent family

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Information on patent family members

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