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 <i>B05C 3/12</i> (2006.01) <i>H01M 50/403</i> (2021.01)</p> | <p>(72) Inventor: DOYEN, Willy; Kandonklaan 13, 2160 Wommelgem (BE).</p> |
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(54) **Title:** DOUBLE-SIDEDLY COATING A POROUS WEB WITH A DOPE USING A WEB POSITIONING ELEMENT

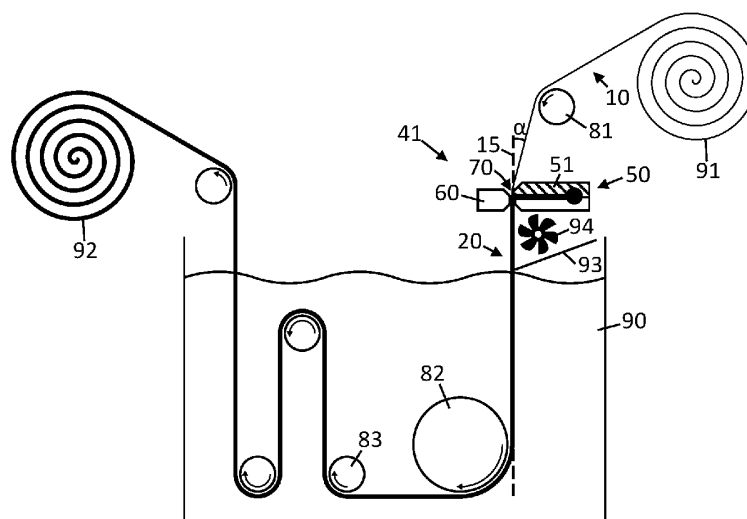


FIG 8

(57) Abstract: In a first aspect, the present invention relates to a coating apparatus (41, 42) for double-sidedly coating a porous web (10) with a dope (30), comprising: (i) a slot-die coating head (50) comprising an upper lip (51), a lower lip (52) and a slot (53) between the upper lip (51) and the lower lip (52), (ii) a counter element (60) arranged opposite the lower lip (52) across a reference plane (15), (iii) a slit (70) defined between the lower lip (52) and the counter element (60) for passing a porous web (10) therebetween, the slot (53) opening up towards the slit (70), and (iv) a web positioning element (51, 61); wherein the web positioning element (51, 61) is the upper lip (51) of the slot-die coating head (50), the upper lip (51) protruding up to the reference plane (15) so that there is an offset (d) between the upper lip (51) and the lower lip (52), or a spacing structure (61) on the counter element (60), the spacing structure (61) protruding up to the reference plane (15) so that there is an offset (d) between the spacing structure (61) and the counter element (60).

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