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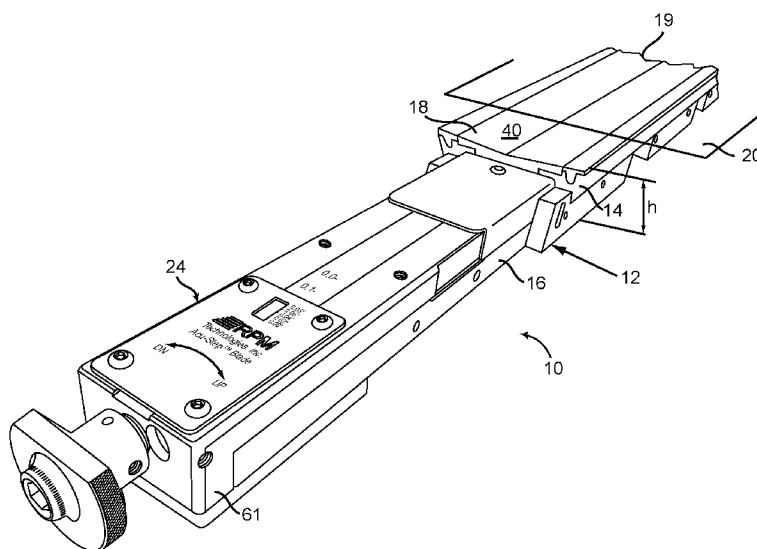


FIG. 1

(57) Abstract: An adjustable foil apparatus for use with a paper making machine includes an elongated upper assembly having a forming element positionable relative to a forming fabric of a paper making machine and an elongated, base mountable to a paper making machine. The upper assembly being coupled to the base and movable relative thereto for adjusting an overall height of the foil apparatus, the forming element being configured for selective movement toward and away from the forming fabric of a paper making machine. The adjustable foil apparatus including an adjustment mechanism fixed to the base, the adjustment mechanism including a slide bar movable relative to the base along an axis of the base and configured to move the forming element relative to the base and toward and away from the forming fabric.

INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - D21F 1/48, 1/52, 1/54, 1/66 (2016.01)

CPC - D21F 1/483, 1/486

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) - D21F 1/48, 1/52, 1/54, 1/66 (2016.01)

CPC - D21F 1/483, 1/486

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

CPC - D21F 1/009, 1/48, 1/52, 1/54, 1/66

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 Patbase; Google Patents; Google Scholar; Google Web; Espacenet; Search Terms: adjust*, away*, base, block*, channel*, distance*, down*, fabric*, foil*, form*, gap*, height*, knob*, mesh*, paper*, parallel*, rail*, screen*, simultaneous*, slid*, slot*, support*, toward*, transl*, uniform*, up*, vertical*, yoke

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 2014/0216676 A1 (Gauss et al.) 07 August 2014 (07.08.2014), Fig. 1A, 8A-8B, para [0044]-[0055]	1-9, 11-12 and 17-19 --- 10, 13-16 and 20
Y	US 5,169,500 A (Mejdell) 08 December 1992 (08.12.1992), Figs. 1-2, col. 5, ln. 47 - col. 6, ln. 2	10 and 20
Y	US 2011/0074126 A1 (Wang) 31 March 2011 (31.03.2011), Figs. 1-3, para [0017]	13-16
A	US 5,660,689 A (Bartelmuss et al.) 26 August 1997 (26.08.1997), Figs. 1-4, col. 5, ln. 19-37	1-20
A	US 4,140,573 A (Johnson) 20 February 1979 (20.02.1979), Figs. 7-9, col. 6, ln. 55 - col. 7, ln. 3	1-20
A	US 2012/0267065 A1 (Faufau et al.) 25 October 2012 (25.10.2012), Figs. 7A-7B, para [0050]	1-20

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