

Title (en)  
Photograph slide sleeving system

Title (de)  
Dia-Eintaschvorrichtung

Title (fr)  
Système d'insertion de diapositives

Publication  
**EP 0350912 B1 19970305 (EN)**

Application  
**EP 89112838 A 19890713**

Priority  
• EP 88111352 A 19880714  
• US 29647889 A 19890112

Abstract (en)  
[origin: EP0350912A2] A self-aligning sleeve (10) for inserting photograph slides (22) into pockets (24) of an elongated web of sleeving material (26) having a plurality of rows with a predetermined number of pockets per row and spaced from one another by a predetermined row spacing distance. The web of sleeving material (26) is supported for movement in a direction perpendicular to the rows of pockets (24) by a chassis base (32). A slide shuttle (12) removes photograph slides (22) from a hopper (28) and moves the slides to a first position on a slide support. Photograph slides (22) at the first position are moved to second and subsequent positions in a row corresponding to positions of the pockets in the row of slide sleeving material (26). A slide counting mechanism mechanically counts the photograph slides (22) moved to the positions on the slide support. Pocket opening means such as coil springs arc the slide sleeving material (26) to open the pockets (24) of the row into which the photograph slides (22) are to be inserted. A slide pusher (14) is actuated when the predetermined number of slides (22) have been positioned on the support means, and push the slides (22) into the corresponding pockets (24) of the row of sleeving material (26) during a first stroke portion. During a second stroke portion the sleeved row of photograph slides (22) and sleeving material (26) are pushed beyond the pocket opening means by the row spacing distance so as to align a next-adjacent row of pockets (24) with the pocket opening means and slide support. A sleeve clamp (20) clamps the sleeving material (26) with respect to the chassis base (32) during the first stroke portion, and releases the sleeving material (26) during the second stroke portion.

IPC 1-7  
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IPC 8 full level  
**B65B 5/00** (2006.01); **B65B 43/28** (2006.01); **G03D 13/00** (2006.01); **G03D 15/10** (2006.01)

CPC (source: EP)  
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Cited by  
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DE ES FR GB IT

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**EP 0350912 A2 19900117; EP 0350912 A3 19910116; EP 0350912 B1 19970305**; CA 1312054 C 19921229; DE 68927810 D1 19970410; DE 68927810 T2 19971127; ES 2098220 T3 19970501; JP 2831038 B2 19981202; JP H0262540 A 19900302

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**EP 89112838 A 19890713**; CA 604864 A 19890705; DE 68927810 T 19890713; ES 89112838 T 19890713; JP 18068289 A 19890714