

Title (en)
SCREEN PRINTING MACHINE

Title (de)
SIEBDRUCKMASCHINE

Title (fr)
MACHINE DE SÉRIGRAPHIE

Publication
EP 3804991 A1 20210414 (EN)

Application
EP 18921910 A 20180604

Priority
JP 2018021355 W 20180604

Abstract (en)

A screen printing machine includes a mask holding device configured to hold a mask; a squeegee device configured to apply and spread cream solder from above to the mask held by the mask holding device; a conveyance device configured to convey a board below the mask; a board holding-lifting-lowering device configured to hold the board conveyed by the conveyance device and perform positioning in an upward-downward direction with respect to the mask; a cleaning device configured to wipe and clean a lower surface of the mask; an imaging device configured to image a reference mark of the mask and a reference mark of the board; a driving device configured to move the imaging device and the cleaning device between the mask and the board holding-lifting-lowering device; and a control device configured to control each of the devices, set a lifting and lowering section of the board holding-lifting-lowering device to a reference height in accordance with a size of the imaging device, and lower the lifting and lowering section from the reference height in accordance with a size of the cleaning device when the cleaning device is moved.

IPC 8 full level
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CPC (source: EP)
B41F 15/0881 (2013.01); **B41F 15/26** (2013.01); **B41F 35/005** (2013.01); **B41P 2215/114** (2013.01); **B41P 2215/50** (2013.01)

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