

Title (en)  
SCREEN PRINTING MACHINE

Publication  
**EP 0057405 B1 19860409 (DE)**

Application  
**EP 82100504 A 19820126**

Priority  
DE 3103421 A 19810202

Abstract (en)  
[origin: US4510864A] A screen printing machine has at least one printing station wherein rotary or flat screens are used. Downstream of the printing station, there is provided a heated continuously or discontinuously driven roller over the heated jacket of which the web is trained. The web preferably consists of impermeable material. The heated roller defines a drying path. A cooling unit is disposed downstream of the drying path and is preferably defined by a cooling roller which is connected to a cooling device. A web supplying roller is mounted at the inlet of the machine and a takeup roller is mounted downstream of the cooling unit. The transport of the web may be controlled during forward movement as well as during rearward movement. The machine is compact because the cooling unit and one of the web supplying and takeup rollers are disposed at a level below the printing station. During intermittent operation, the heated roller operates in two stages, with a main stage and a follow-up stage both controlled by a device for imprinting and reading passer markers.

IPC 1-7  
**B41F 15/12**

IPC 8 full level  
**B41F 15/08** (2006.01); **B41F 15/12** (2006.01); **B41F 15/14** (2006.01); **B41F 23/04** (2006.01)

CPC (source: EP US)  
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Cited by  
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**EP 0057405 A1 19820811**; **EP 0057405 B1 19860409**; AT E19023 T1 19860415; DE 3103421 A1 19820902; DE 3103421 C2 19840712; JP H0330496 B2 19910430; JP S57181868 A 19821109; US 4510864 A 19850416

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