

Title (en)  
Printing press

Title (de)  
Druckmaschine

Title (fr)  
Presse d'impression

Publication  
**EP 2251197 A3 20110511 (DE)**

Application  
**EP 10005013 A 20100512**

Priority  
DE 102009021551 A 20090515

Abstract (en)  
[origin: EP2251197A2] The printing machine has printing units (12, 14, 16) arranged one behind the other in a rolling direction of a material web (10). Loop guide chambers (58, 58', 78) are arranged upstream to one of the printing units and arranged downstream to another printing unit. The material web moves along shaft walls of the loop guide chambers. The loop guide chambers are equipped with photocells when length of the material web is less than a predetermined minimum target length or greater than a predetermined maximum target length.

IPC 8 full level  
**B41F 13/04** (2006.01); **B41F 13/44** (2006.01); **B41F 33/02** (2006.01); **B65H 23/00** (2006.01)

CPC (source: EP)  
**B41F 13/04** (2013.01); **B41F 33/02** (2013.01); **B65H 20/32** (2013.01); **B65H 23/042** (2013.01); **B41P 2217/11** (2013.01); **B65H 2801/21** (2013.01)

Citation (search report)

- [XYI] EP 0176905 A2 19860409 - GRAPHA HOLDING AG [CH]
- [Y] EP 1457324 A1 20040915 - KAMMANN MASCHF WERNER [DE]
- [Y] US 3797389 A 19740319 - WOLFF E
- [XDY] EP 0415881 A2 19910306 - DE LA RUE GIORI SA [CH]
- [Y] GB 2198265 A 19880608 - WETZEL BURKHARD WILFRED

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
BA ME RS

DOCDB simple family (publication)  
**EP 2251197 A2 20101117; EP 2251197 A3 20110511**; DE 102009021551 A1 20101125

DOCDB simple family (application)  
**EP 10005013 A 20100512**; DE 102009021551 A 20090515