

Title (en)
Printing unit

Title (de)
Druckwerk

Title (fr)
Dispositif d'impression

Publication
EP 0718112 B1 19981028 (DE)

Application
EP 95114844 A 19950921

Priority
DE 4446273 A 19941223

Abstract (en)
[origin: US5660106A] A printing unit has a plurality of type wheels with types on its circumference which are rotatable on a common shaft and are driveable on it by means of a slip coupling. Each type wheel has an associated feeler device that ascertains its position and a pawl for engagement with the type wheel, with an actuator that is triggerable as a function of the feeler device via a control unit, and by the actuator the pawl can be controlled between a blocking position and a release position. The drive device serving the purpose of intermittently driving the shaft has per printing unit one drive shaft, operationally coupled to the shaft, with a driving gear wheel and one common stationary disc associated with a plurality of printing units disposed in the circumferential direction. On the pitch Circle of the respective driving gear wheel, this disc has a toothed segment associated with the gear wheel, with which segment the driving gear wheel can be brought into engagement upon revolution of the printing unit and hence for the length of the setting time.

IPC 1-7
B41K 3/12

IPC 8 full level
B41J 1/30 (2006.01); **B41J 1/32** (2006.01); **B41K 3/12** (2006.01)

CPC (source: EP US)
B41K 3/123 (2013.01 - EP US)

Cited by
DE102011100847A1; DE102015212059A1; CN105730034A; CN110315892A; CN105026156A; DE102011100847B4; EP0850775A1; US6012861A; DE102006052183A1; DE102006052183B4; US6216588B1; WO2008052514A1; DE202021104908U1; WO2022053111A1; EP1728628A1; US8387496B2; US8726805B2; EP1889719A1; DE202021104907U1; WO2022053110A1; US7975906B2; US8225714B2; EP3121026A2; DE102015212059B4; EP2772355A1; WO2014132206A1; US9850085B2; DE202021104906U1; WO2022053109A1

Designated contracting state (EPC)
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US 5660106 A 19970826; AT E172674 T1 19981115; DE 29501349 U1 19960425; DE 4446273 A1 19960627; DE 59504063 D1 19981203; EP 0718112 A1 19960626; EP 0718112 B1 19981028; ES 2124948 T3 19990216; JP 3803983 B2 20060802; JP H08332719 A 19961217

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