

Title (en)
Numbering machine

Title (de)
Nummerierwerk

Title (fr)
Mécanisme de numérotage

Publication
EP 2657022 B1 20141001 (DE)

Application
EP 12165986 A 20120427

Priority
EP 12165986 A 20120427

Abstract (en)
[origin: EP2657022A1] The machine (100) has housing (180) inside which number wheel (110) is located. The number wheel has wheel axle on which adjustable digit wheels are rotatably arranged. The digit wheels are associated with gear to be driven, and drive module (140) has drive units that are connected to drive shaft (143c). The drive shaft is connected to drive pinion (143d) for driving the gear. A motor (143a) is connected to drive shaft for rotating drive shaft so that number wheel is set in rotation. Fixing units are provided for connecting drive module removably with number wheel.

IPC 8 full level
B41F 33/00 (2006.01); **B41F 1/56** (2006.01); **B41F 3/86** (2006.01); **B41F 13/00** (2006.01); **B41F 17/00** (2006.01); **B41K 3/10** (2006.01); **B41K 3/12** (2006.01)

CPC (source: EP)
B41F 1/565 (2013.01); **B41F 3/86** (2013.01); **B41F 13/0032** (2013.01); **B41F 17/008** (2013.01); **B41F 33/009** (2013.01); **B41K 3/102** (2013.01); **B41K 3/126** (2013.01)

Cited by
CN111634128A; CN104476933A; CN113618405A; NL2018973B1; US11167577B2; WO2022053110A1; WO2016000741A1; WO2018217082A1

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 RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2657022 A1 20131030; **EP 2657022 B1 20141001**; EP 2687376 A1 20140122; EP 2687376 B1 20140827; WO 2013160426 A1 20131031

DOCDB simple family (application)
EP 12165986 A 20120427; EP 13186576 A 20120427; EP 2013058676 W 20130425