

Title (en)
Oscillation-activated changing roller

Title (de)
Schwingungsangeregte Changierwalze

Title (fr)
Cylindre de changement entraînée par vibrations

Publication
EP 2204285 A1 20100707 (DE)

Application
EP 08173076 A 20081230

Priority
EP 08173076 A 20081230

Abstract (en)
The printing machine has a printing unit which consists of changeable roller (1). The changeable roller has a changeable drive (3). A device is arranged next to the changeable rollers in the axial direction of the changeable rollers, which is activated by the changeable drives in the axial direction of the changeable rollers. The changeable drive is a linear drive or a crank drive. Independent claims are also included for the following: (1) a method for axial excitation of changeable roller in a printing machine; and (2) a drive device for a changeable roller with a spring element which is arranged between the changeable drive and an axial end of the changeable roller.

Abstract (de)
Druckmaschine, vorzugsweise für den Rollenrotationsdruck, mit a) wenigstens einem Druckwerk b) wobei das Druckwerk wenigstens eine Changierwalze (1) aufweist und c) einen Changierantrieb (3) für jede der Changierwalzen (1), dadurch gekennzeichnet, dass d) in Axialrichtung der Changierwalze (1) neben der Changierwalze (1) wenigstens eine Vorrichtung (2) angeordnet ist, die von dem Changierantrieb (2) in Axialrichtung der Changierwalze (1) anregbar ist.

IPC 8 full level
B41F 31/15 (2006.01)

CPC (source: EP)
B41F 31/15 (2013.01)

Citation (applicant)
• DE 102005031569 A1 20060316 - HEIDELBERGER DRUCKMASCH AG [DE]
• DE 102005015868 A1 20051027 - HEIDELBERGER DRUCKMASCH AG [DE]

Citation (search report)
• [X] US 2003150344 A1 20030814 - VILLARREAL JOSE A [US]
• [DA] DE 102005015868 A1 20051027 - HEIDELBERGER DRUCKMASCH AG [DE]
• [A] US 5065676 A 19911119 - HARDIN PHILIP J [US]

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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