

Title (en)
FLEXOGRAPHIC PRINTING MACHINE

Title (de)
FLEXOGRAPHISCHE DRUCKMASCHINE

Title (fr)
MACHINE D'IMPRESSION FLEXOGRAPHIQUE

Publication
EP 4098446 A1 20221207 (EN)

Application
EP 22175668 A 20220526

Priority
IT 202100014399 A 20210601

Abstract (en)
A flexographic printing machine (1) comprising at least one support structure (2), at least one printing roller (3) pivotably mounted on said support structure (2) and configured to be driven in rotation about a rotation axis (X) and to be intercepted by a tape (N) of material to be printed, said printing roller (3) comprising at least one support core (4) pivotably mounted on said support structure (2); at least one tubular element (5) mechanically connected to said core (4) and extending along said rotation axis (X); connecting means (6) at least partially interposed between said support core (4) and said tubular element (5) and configured to mechanically connect them; said connecting means (6) comprising at least one protruding element (7), extending from said support core (4) radially with respect to said rotation axis (X); at least one housing seat (9) formed on an inner wall of said tubular element (5) and configured to house said protruding element (7) of said support core (4); said protruding element (7) is provided with at least two side walls (8) inclined with respect to said rotation axis (X), and said housing seat (9) is provided with two stop walls (10) inclined with respect to said rotation axis (X) and configured to receive said inclined side walls (8) of said protruding element (7) in bump.

IPC 8 full level
B41F 13/16 (2006.01); **B41F 27/12** (2006.01)

CPC (source: EP)
B41F 13/16 (2013.01); **B41F 27/12** (2013.01)

Citation (applicant)
• US 2017008269 A1 20170112 - HONDA NAOTO [JP]
• US 2017305180 A1 20171026 - TOJIMA HITOSHI [JP], et al
• EP 0711664 A1 19960515 - ROLAND MAN DRUCKMASCH [DE]

Citation (search report)
• [A] US 2017008269 A1 20170112 - HONDA NAOTO [JP]
• [A] US 2017305180 A1 20171026 - TOJIMA HITOSHI [JP], et al
• [A] EP 0711664 A1 19960515 - ROLAND MAN DRUCKMASCH [DE]

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

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BA ME

Designated validation state (EPC)
KH MA MD TN

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DOCDB simple family (application)
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