

Title (en)

INTERMEDIATE DRIVE FOR THE TRANSFER OF A ROTARY MOTION TO A RECIPROCATING MOTION OF A ROLLER IN THE INKING AND/OR DAMPING UNIT OF A ROTARY OFFSET PRESS

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0340428A2] The object of the invention is, in an intermediate gear for transferring a rotational movement into the to-and-fro movement of a roller with a variable phase relation from drive to output in inking units of offset printing machines, to make it possible, in an extremely space-saving design, to obtain a rotatable arrangement of all the gear members and a variable reduction of the rotational movement. <??>For this, bores (61 to 63) are located on a crown gear (44) at a distance a about the driving axis (56) of the drive shaft (37) and are arranged offset relative to one another by the same angular amount alpha . A planet wheel (43) sits on a stepped collar of a disc (48) which is mounted rotatably on the eccentric journal (40) of the drive shaft (37). Located on the disc (48) at a distance a around the journal centre (49) are a plurality of rollers (50 to 52) which are likewise arranged offset relative to one another by the same angular amount alpha and which roll on the inner face of the bores (61 to 63). <??>Rotatably mounted as a gear output part in line with the crown gear (44) is a sun wheel (42) which is equipped with an internal toothing (47) and into which the planet wheel (43) engages. <IMAGE>

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Cited by

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