

Title (en)

Coupling device for achieving a temporary decoupling of a part of a printing machine gear train

Title (de)

Kupplungseinrichtung zur Bewerkstelligung einer zeitweisen Entkoppelung der Abschnitte eines Getriebezugs einer Druckmaschine

Title (fr)

Dispositif d'accouplement pour réaliser un découplage temporaire d'une partie d'un train d'engrenage d'une machine d'impression

Publication

EP 1759841 A2 20070307 (DE)

Application

EP 06017127 A 20060817

Priority

DE 102005041696 A 20050902

Abstract (en)

The unit has a spur gear (2) arranged coaxial to another spur gear (1), and a clamping unit (3) to provide a clamping force (F) which serves a friction coherent transition of a torque between the gears. The clamping unit has a conical spring washer (6) arranged coaxial to the gears. The washer is elastically pre-stressed in a normal position such that the clamping force, which is directed transverse to a friction contact surface, is applied under elastic deformation of the washer.

IPC 8 full level

B41F 13/008 (2006.01)

CPC (source: EP)

B41F 13/008 (2013.01)

Citation (applicant)

DE 4141817 C2 19931007 - ROLAND MAN DRUCKMASCH [DE]

Cited by

CN112356563A

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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