

Title (en)
Gear train separation

Title (de)
Getriebezugtrennung

Title (fr)
Séparation d'un train d'engrenage

Publication
EP 0704300 B1 19980617 (DE)

Application
EP 95114701 A 19950919

Priority
DE 4435226 A 19941001

Abstract (en)
[origin: EP0704300A2] The device is for clamping or loosening a clamp connection of two gearwheels, which are arranged coaxial and parallel, whereby one gearwheel (3) is rotating located on a union or pin of a shaft (1) of the other gearwheel. A clamp device is provided for prodn. of a strong connection of the gearwheel pair and a ring-shaped unlocking device (4) releases the strong connection. The rotatable gearwheel has clamp components (14) for connection with the shaft, and a pre-tensioned spring device (12) acts on the clamp components. The unlocking device for removal of the clamping engages on the spring device, whereby the gearwheel (2) fixed to the shaft is clamped to the frame.

IPC 1-7
B41F 13/008; F16D 67/04

IPC 8 full level
B41F 13/008 (2006.01); **F16D 67/04** (2006.01)

CPC (source: EP)
B41F 13/008 (2013.01)

Designated contracting state (EPC)
AT BE CH DE FR GB LI

DOCDB simple family (publication)
EP 0704300 A2 19960403; **EP 0704300 A3 19970423**; **EP 0704300 B1 19980617**; AT E167433 T1 19980715; DE 4435226 A1 19960404; DE 4435226 C2 20000629; DE 4447862 C2 20000629; DE 4447863 C2 20020314; DE 59502574 D1 19980723

DOCDB simple family (application)
EP 95114701 A 19950919; AT 95114701 T 19950919; DE 4435226 A 19941001; DE 4447862 A 19941001; DE 4447863 A 19941001; DE 59502574 T 19950919