

Title (en)
Method and device for damping the torsional vibrations of a printing machine

Title (de)
Verfahren und Vorrichtung zur Tilgung der Drehschwingungen einer Druckmaschine

Title (fr)
Procédé et dispositif pour amortir les vibrations de torsion d'une machine d'impression

Publication
EP 1040918 B2 20120125 (DE)

Application
EP 00104762 A 20000304

Priority
DE 19914613 A 19990331

Abstract (en)
[origin: EP1040918A1] The oscillation-damper consists of at least one oscillation-absorber element affecting the toothed gearing (2) of the printe (1). On at least one shaft journal (3) of the cylinders or drums (4,4') driven by the toothed gearing is a passive rotary oscillation damper (5,5') near the cog wheel (6,6',6). At least one rotary oscillation damper is provided for a machine with sev printers (7,7',7) and a drive (8) hear the middle of the machine of each power-transmission side (9,9').

IPC 8 full level
B41F 13/00 (2006.01); **B41F 13/008** (2006.01); **B41F 13/20** (2006.01); **F16F 15/14** (2006.01); **F16F 15/26** (2006.01)

CPC (source: EP US)
B41F 13/008 (2013.01 - EP US); **B41P 2213/42** (2013.01 - EP US)

Citation (opposition)
Opponent :
DE 19508082 A1 19960912 - KBA PLANETA AG [DE]

Cited by
EP2181847A1; US8418610B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1040918 A1 20001004; EP 1040918 B1 20040714; EP 1040918 B2 20120125; AT E270967 T1 20040715; DE 19914613 A1 20001005; DE 50007037 D1 20040819; JP 2000313099 A 20001114; US 6499401 B1 20021231

DOCDB simple family (application)
EP 00104762 A 20000304; AT 00104762 T 20000304; DE 19914613 A 19990331; DE 50007037 T 20000304; JP 2000094016 A 20000330; US 54093600 A 20000331