

Title (en)
Press device

Title (de)
Pressanordnung

Title (fr)
Agencement de presse

Publication
EP 1956136 A3 20090805 (DE)

Application
EP 07150126 A 20071219

Priority
DE 102007006744 A 20070212

Abstract (en)
[origin: EP1956136A2] The arrangement has a press roll consisting of a roll shell (1), which is rotating around a fixed axle (2). The roll shell is compressed by a support device (3) of the axle for forming a press gap in a pressing direction (6) of a counter pressure element e.g. impression roller (4). Frequency of press gap runs lies between a natural frequency of the axle in the direction and the natural frequency of the axle transverse to the direction. The natural frequency of the axle is around 100 percentages higher than the frequency transverse to the direction. An independent claim is also included for a method for controlling a pressing arrangement.

IPC 8 full level
D21F 3/02 (2006.01); **D21G 1/00** (2006.01); **D21G 1/02** (2006.01)

CPC (source: EP)
D21F 3/0218 (2013.01); **D21G 1/00** (2013.01); **D21G 1/0213** (2013.01)

Citation (search report)

- [X] WO 2005090802 A1 20050929 - METSO PAPER INC [FI], et al
- [A] DE 10358292 B3 20050113 - SHW CASTING TECHNOLOGIES GMBH [DE], et al
- [A] EP 1256731 A2 20021113 - VOITH PAPER PATENT GMBH [DE]

Cited by
CN105264142A; CN110714357A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1956136 A2 20080813; EP 1956136 A3 20090805; DE 102007006744 A1 20080814

DOCDB simple family (application)
EP 07150126 A 20071219; DE 102007006744 A 20070212