

Title (en)  
SHAKING DEVICE

Title (de)  
SCHÜTTELVORRICHTUNG

Title (fr)  
MÉCANISME D'AGITATION

Publication  
**EP 2286025 A1 20110223 (DE)**

Application  
**EP 09745823 A 20090515**

Priority  
• EP 2009055922 W 20090515  
• DE 102008001831 A 20080516  
• DE 102008040111 A 20080703

Abstract (en)  
[origin: WO2009138491A1] The invention relates to a shaking device (10) for moving a member (12) back and forth along an axis (14) thereof, in particular a roller of a machine for producing and/or treating a fiber web. In the shaking device, the member (12) is coupled elastically to a counterweight (16) for the purposes of forming an oscillating system, and means (18) are provided for driving the oscillation system, which comprises the member (12) and the counterweight (16), at the resonance frequency thereof.

IPC 8 full level  
**D21F 1/18** (2006.01); **B06B 1/14** (2006.01)

CPC (source: EP)  
**B06B 1/183** (2013.01); **D21F 1/18** (2013.01)

Citation (search report)  
See references of WO 2009138491A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**DE 102008040111 A1 20091119**; AT E526449 T1 20111015; CN 102027168 A 20110420; CN 102027168 B 20130814;  
EP 2286025 A1 20110223; EP 2286025 B1 20110928; WO 2009138491 A1 20091119

DOCDB simple family (application)  
**DE 102008040111 A 20080703**; AT 09745823 T 20090515; CN 200980117741 A 20090515; EP 09745823 A 20090515;  
EP 2009055922 W 20090515