

Title (en)  
VIBRATOR

Title (de)  
VIBRATOR

Title (fr)  
VIBRATEUR

Publication  
**EP 2863859 A1 20150429 (DE)**

Application  
**EP 13727163 A 20130606**

Priority  
• DE 102012105466 A 20120622  
• EP 2013061642 W 20130606

Abstract (en)  
[origin: WO2013189744A1] The invention relates to a vibrator (1) comprising a vibrator part (3) and an operating part (5) which is connected to the vibrator part (3). The vibrator (1) has an electric motor (7) which is used as a vibration generator, an energy store, and a control unit (13), and the operating part (5) has a housing (17) and at least one operating element (15, 16). The vibrator (1) is characterized in that the vibrator (1) additionally has a wireless data communication device (20) which is connected to the control unit (13), and a camera element (19) is integrated into the operating part (5), said camera element being connected to the wireless data communication device. The wireless data communication device (20) is designed to transmit data generated by the camera element (19) to a remote display device.

IPC 8 full level  
**A61H 19/00** (2006.01); **A61H 23/02** (2006.01)

CPC (source: EP US)  
**A61H 19/30** (2013.01 - US); **A61H 19/44** (2013.01 - EP US); **A61H 23/02** (2013.01 - US); **A61H 23/0263** (2013.01 - EP US);  
**A61H 19/34** (2013.01 - EP US); **A61H 2201/0188** (2013.01 - EP US); **A61H 2201/5007** (2013.01 - EP US); **A61H 2201/5012** (2013.01 - EP US);  
**A61H 2201/5015** (2013.01 - EP US); **A61H 2201/5035** (2013.01 - EP US); **A61H 2201/5046** (2013.01 - EP US);  
**A61H 2201/5064** (2013.01 - EP US); **A61H 2201/5092** (2013.01 - EP US); **A61H 2201/5097** (2013.01 - EP US)

Citation (search report)  
See references of WO 2013189744A1

Citation (examination)  
DE 202010013764 U1 20110105 - THALMAIR ROBERT [DE]

Cited by  
US10045906B2; US10932988B2; US10940079B2; US11571358B2

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102012105466 A1 20131224**; **DE 102012105466 B4 20141023**; EP 2863859 A1 20150429; US 2015335520 A1 20151126;  
WO 2013189744 A1 20131227

DOCDB simple family (application)  
**DE 102012105466 A 20120622**; EP 13727163 A 20130606; EP 2013061642 W 20130606; US 201314410323 A 20130606