

Title (en)  
Wheel hub removal device

Title (de)  
Radnabendemontagevorrichtung

Title (fr)  
Dispositif de montage de joints tournants

Publication  
**EP 2045043 A3 20100414 (DE)**

Application  
**EP 08012809 A 20080716**

Priority  
DE 202007013718 U 20071001

Abstract (en)  
[origin: EP2045043A2] The device (1) has a flange adapter (11) fixed at a wheel hub flange (4) and protruding to a peripheral side opposite to the flange. The flange adapter has a recess (28) provided for stud bolts (10), which are coupled with the flange adapter. A roller bearing (7) is provided in a knuckle (3) and comprises a flange plate (9), which is supported at the flange over the stud bolts. A protective ring is integrated between the knuckle and a wheel hub (2). A pressure pin is guided at the flange by a threaded hole. A pressing unit is integrated between the flange plate and a pressure plate.

IPC 8 full level  
**B25B 27/06** (2006.01)

CPC (source: EP)  
**B25B 27/026** (2013.01)

Citation (search report)

- [AD] DE 202004010887 U1 20040916 - HAZET WERK ZERVER HERMANN [DE]
- [A] US 4642866 A 19870217 - MURTAUGH BERNARD H [US]
- [A] JP S5791580 U 19820605
- [A] DE 202005003450 U1 20050519 - KLANN SPEZIAL WERKZEUGBAU GMBH [DE]
- [A] DE 8908237 U1 19890831
- [A] DE 202005018266 U1 20060126 - KLANN SPEZIAL WERKZEUGBAU GMBH [DE]

Cited by  
CN103273303A; CN112757224A

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2045043 A2 20090408; EP 2045043 A3 20100414; EP 2045043 B1 20101201**; AT E490055 T1 20101215; DE 202007013718 U1 20071213; DE 502008001927 D1 20110113; ES 2357342 T3 20110425

DOCDB simple family (application)  
**EP 08012809 A 20080716**; AT 08012809 T 20080716; DE 202007013718 U 20071001; DE 502008001927 T 20080716; ES 08012809 T 20080716