

Title (en)
Vehicle jack

Title (de)
Wagenheber

Title (fr)
Cric de véhicule

Publication
EP 0844208 B1 20030910 (DE)

Application
EP 97120226 A 19971119

Priority
DE 19648158 A 19961121

Abstract (en)
[origin: EP0844208A1] The bottom end of the column (10) has a foot standing on the ground. The top end has a toothed wheel angular gear (18) for driving a threaded spindle (14) contained in the column. The spindle has a drive shaft (24) driven by a hand-crank (34). A load-bearing element placed on the vehicle being lifted is near the front of the column. Between the drive shaft and the hand-crank's grip-part (34d) is a connection (40) which can be locked and unlocked. A holder for the hand-crank is fixed to one of the cog wheels of the angular gear and to the end of the drive shaft pointing away from the front of the column.

IPC 1-7
B66F 3/08; **B66F 13/00**

IPC 8 full level
B66F 3/08 (2006.01); **B66F 3/16** (2006.01); **B66F 13/00** (2006.01)

CPC (source: EP)
B66F 3/16 (2013.01); **B66F 13/00** (2013.01)

Cited by
CN110700123A; CN107902595A; CN106574667A; CN104528610A; CN113800424A; CN113148890A; WO2016023532A3; WO2022245367A1

Designated contracting state (EPC)
DE ES FR GB IT PT

DOCDB simple family (publication)
EP 0844208 A1 19980527; **EP 0844208 B1 20030910**; DE 19648158 A1 19980528; DE 59710726 D1 20031016

DOCDB simple family (application)
EP 97120226 A 19971119; DE 19648158 A 19961121; DE 59710726 T 19971119