

Title (en)  
Y-form jack for a motor vehicle.

Title (de)  
Y-förmiger Wagenheber.

Title (fr)  
Cric en Y pour véhicule automobile.

Publication  
**EP 0097558 A1 19840104 (FR)**

Application  
**EP 83401122 A 19830602**

Priority  
FR 8210329 A 19820614

Abstract (en)  
1. A jack for a motor vehicle, of the type comprising a pillar (1) on which is pivotally mounted an arm (2) whose angular position relative to the pillar is adjustable, in particular by means of a shifting screw (4) carried by two members (5, 6) respectively pivotally mounted on the arm and on the upper part of the pillar, characterised in that it comprises, on the side of the pillar opposed to the arm, a prop (11) which is mounted on the pillar to pivot about a pivot pin (12) parallel to the pivot pin of the arm and located below the latter, and which is extended toward the arm by a lever (13) which is maintained in bearing relation to a lower surface (15) of the arm by a spring (14), the free end (20) of the prop defining with the foot (7) of the jack, when they are simultaneously in contact with a substantially horizontal ground, a support surface which is such that the head (9) and the foot (7) of the jack are always in the vicinity of a common vertical (V).

Abstract (fr)  
Ce cric comprend, en plus du montant (1) et du bras (2) habituels, une béquille (11) opposée au bras, pivotant sur le montant autour d'un axe (12) parallèle à l'axe d'articulation (3) du bras et prolongée vers le bras par un levier (13) maintenu en appui sur une face inférieure (15) du bras par un ressort (14), l'extrémité libre (20) de la béquille déterminant avec le pied (7) du cric, lorsqu'ils sont simultanément en contact avec le sol, une surface de sustentation telle que la tête (9) et le pied (7) du cric se trouvent toujours au voisinage d'une même verticale (V).

IPC 1-7  
**B66F 3/12**

IPC 8 full level  
**B66F 3/12** (2006.01)

CPC (source: EP)  
**B66F 3/12** (2013.01)

Citation (search report)  
• [A] FR 2353480 A1 19771230 - BILSTEIN AUGUST [DE]  
• [A] DE 2621425 A1 19771117 - ALLENDORFER STAHL  
• [A] FR 2273752 A1 19760102 - BILSTEIN AUGUST [DE]  
• [A] GB 1011933 A 19651201 - BRITTOOL LTD  
• [A] FR 2414471 A1 19790810 - BILSTEIN AUGUST [DE]

Cited by  
EP0396233A1; US6974124B1; WO8606707A1

Designated contracting state (EPC)  
DE GB IT

DOCDB simple family (publication)  
**EP 0097558 A1 19840104; EP 0097558 B1 19851106**; DE 3361166 D1 19851212; ES 522355 A0 19840301; ES 8403082 A1 19840301; FR 2528410 A1 19831216; FR 2528410 B1 19850322

DOCDB simple family (application)  
**EP 83401122 A 19830602**; DE 3361166 T 19830602; ES 522355 A 19830513; FR 8210329 A 19820614