

Title (en)  
Device FOR PUSHING A STUCK VEHICLE

Title (de)  
Vorrichtung ZUM SCHIEBEN EINES FESTSTECKENDEN FAHRZEUGS

Title (fr)  
Dispositif de désenlèvement d'un véhicule

Publication  
**EP 1883600 A1 20080206 (FR)**

Application  
**EP 06726184 A 20060403**

Priority  
• FR 2006000745 W 20060403  
• FR 0503454 A 20050406

Abstract (en)  
[origin: WO2006106227A1] The invention relates to a device using force of one or several persons comprising a lever arm which consists of a bar (1) and an effort transmission triangle (1.2) and points fixed to a ground for pushing the vehicle rear part (1.4) in such a way that it is moved from mud. Said fixed points are formed by blocks (2) inserted under the wheels and anchored to the ground by the vehicle weight. The inventive device essentially comprises a main bar (1) consisting of abutment elements (1.1), a triangle (1,2) provided with end rings (1.7), a laddle (1.6) resting on the ground, straps or cables (1.9) tensioning the bar in such a way that it operates under tension, a joint and a vehicle hooking point (1, 4), strips, rods and blocks. The blocks (2) are placed before the wheels and are connected to the rings of the triangle through the connecting rods (3) and strips (3,6). The bar lifting force is transformed into a rear push and the vehicle progression. Variants using in particular strainer or hoist mechanisms provided with specifically shaped bars or doubled by the bar for producing a pushing force are also disclosed.

IPC 8 full level  
**B66F 19/00** (2006.01); **B66F 15/00** (2006.01)

CPC (source: EP US)  
**B66F 15/00** (2013.01 - EP US); **B66F 19/00** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006106227A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006106227 A1 20061012; WO 2006106227 B1 20061228**; EP 1883600 A1 20080206; FR 2884206 A1 20061013;  
FR 2884206 B1 20090515; US 2009146118 A1 20090611; US 8511644 B2 20130820

DOCDB simple family (application)  
**FR 2006000745 W 20060403**; EP 06726184 A 20060403; FR 0503454 A 20050406; US 91091106 A 20060403