

Title (en)  
MANUALLY ACTUATED TONGS HAVING FORCE MONITORING

Title (de)  
HANDBETÄTIGTE ZANGE MIT KRAFTÜBERWACHUNG

Title (fr)  
PINCE À ACTIONNEMENT MANUEL AVEC CONTRÔLE DE FORCE

Publication  
**EP 2043818 B1 20100217 (DE)**

Application  
**EP 06791675 A 20060825**

Priority  
EP 2006008375 W 20060825

Abstract (en)  
[origin: WO2008022649A1] For the signaling of a force exerted by means of manually actuated tongs, one of the tong limbs 10 is configured of an interior lever 15 and an exterior lever 16, wherein the interior lever 15 carries one of the tong jaws 14 and is pretensioned by means of compression springs 20, 21 against the exterior lever 16 grasped by the hand of the user. Both levers 15, 16 have contact elements 36, 38 which are positioned opposite of each other and come in contact with each other if the actuating force acting against the pretension of the compression springs 20, 21 reaches a predetermined value, and which activate a vibrator 31 accommodated in the tong limb 10.

IPC 8 full level  
**B25B 7/00** (2006.01)

CPC (source: EP KR US)  
**B25B 7/00** (2013.01 - EP KR US); **B25B 7/02** (2013.01 - KR); **B25B 7/12** (2013.01 - KR)

Cited by  
DE102022112172B4; EP3396796A1; US10958030B2; TWI826745B; EP4243222A1; EP3820001A1; EP4007087A1; US11346732B2

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