

Title (en)

Safety handcuff for the easy placement thereof on an individual

Title (de)

Angepasste Handschelle zur einfacheren Befestigung an einer Person

Title (fr)

Menotte de sûreté adaptée pour faciliter sa mise en place sur un individu

Publication

**EP 2653640 A1 20131023 (FR)**

Application

**EP 13170929 A 20100211**

Previously filed application

10707088 20100211 EP

Priority

- FR 0900680 A 20090216
- EP 10707088 A 20100211

Abstract (en)

The handcuff has a handcuff body (1) having a locking unit formed of inclined teeth (22, 41), an opening driving part (5) and a limb presence sensor (7). An unlocking unit is formed of an opening lever (4) and a key hole of the handcuff. Half-bracelet (21) pivots around an axis (100) located within the body. A control unit permits the half-bracelet to move around its axis in order to allow a frontal gripping of a limb to be blocked. The control unit is composed of a clutch pedal (3), a blocking notch (6), a return spring (200) and a trigger type manual closing control.

Abstract (fr)

Menotte composée d'un premier demi-bracelet (21) et d'un second demi-bracelet (11), et au moins un corps de menotte (1) comprenant des moyens de verrouillage (22, 41, 5, 7) et déverrouillage (4, 5, 9) de la menotte, le second demi-bracelet (11) étant solidaire ou non du corps de menotte. Selon une caractéristique principale, le premier demi-bracelet est monté pivotant autour d'un axe (100) situé dans le corps de menotte. La menotte comprend des moyens de commande (3, 6, 200, 24) permettant de mettre le premier demi-bracelet en mouvement autour de son axe de façon à permettre une préhension frontale du membre à entraver

IPC 8 full level

**E05B 75/00** (2006.01); **E05B 15/00** (2006.01)

CPC (source: EP US)

**E05B 75/00** (2013.01 - EP US); **E05B 15/0046** (2013.01 - EP US); **Y10T 70/40** (2015.04 - EP US); **Y10T 70/402** (2015.04 - EP US); **Y10T 70/404** (2015.04 - EP US); **Y10T 70/407** (2015.04 - EP US); **Y10T 70/409** (2015.04 - EP US)

Citation (search report)

- [XAI] US 2516878 A 19500801 - HOWE ALFRED J
- [XI] GB 2439088 A 20071219 - RAYNER ANDREW [GB]
- [XI] FR 829746 A 19380705
- [XI] US 5555751 A 19960917 - STRICKLAND FREDERICK W [US], et al
- [A] US 4314466 A 19820209 - HARRIS JAMES E
- [A] US 5799514 A 19980901 - TOBIN JR THOMAS H [US], et al

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**US 2010206017 A1 20100819**; **US 8365558 B2 20130205**; EP 2435651 A1 20120404; EP 2435651 B1 20130717; EP 2653640 A1 20131023; EP 2653640 B1 20160210; ES 2570955 T3 20160523; FR 2942262 A1 20100820; PL 2653640 T3 20171031; WO 2010092252 A1 20100819

DOCDB simple family (application)

**US 70308910 A 20100209**; EP 10707088 A 20100211; EP 13170929 A 20100211; ES 13170929 T 20100211; FR 0900680 A 20090216; FR 2010000106 W 20100211; PL 13170929 T 20100211