

Title (en)
Handcuffs

Title (de)
Handschellen

Title (fr)
Menottes

Publication
EP 1669529 A3 20060726 (EN)

Application
EP 05252400 A 20050418

Priority
US 745104 A 20041208

Abstract (en)
[origin: EP1669529A2] An apparatus for controlling the rotation of a gear comprising rotating a cam which causes the linear movement of a rod to control the rotation of the gear, wherein the cam rotates within a confined space but not around a fixed axle. The apparatus is particularly useful for controlling the opening and closing movements of a handcuff whose operating elements are comprised of a swing arm and at least one gear having teeth which engage the teeth of the swing arm.

IPC 8 full level
E05B 75/00 (2006.01)

CPC (source: EP)
E05B 75/00 (2013.01)

Citation (search report)
• [DY] US 6568224 B1 20030527 - TAPER WILLIAM D [US], et al
• [Y] US 1851207 A 19320329 - NEAL ELMER E
• [A] GB 741000 A 19551123 - HATT AND COMPANY LTD
• [A] US 6311529 B1 20011106 - KANG JAE-BONG [KR]

Cited by
CN112539005A

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 MC NL PL PT RO SE SI SK TR

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EP 1669529 A2 20060614; EP 1669529 A3 20060726

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