

Title (en)
DEVICE FOR LAUNCHING BALLS

Title (de)
BALLABSCHUSSVORRICHTUNG

Title (fr)
DISPOSITIF A LANCER DES BALLONS OU BALLE

Publication
EP 2094361 B1 20110216 (FR)

Application
EP 06842008 A 20061107

Priority
FR 2006051147 W 20061107

Abstract (en)
[origin: WO2008056038A1] Device for launching balls, of the type comprising a frame (1), a magazine (2) for balls (20), and a strike mechanism (3) comprising a strike arm (3) which is able to pivot on a shaft (4) and is associated with drive means (6) which are designed to drive said arm to pivot, these means comprising a mechanical energy accumulator (5) designed to accumulate mechanical energy produced by a geared motor (M) and to release and transmit this energy to the shaft (4). The energy accumulator (5) is secured to the frame (1) and is connected to the shaft (4) at an off-centred fastening point (42), while the drive means (6) comprise off-centred means (62) driven by the geared motor (M) and designed to cooperate with the shaft (4), so as to cause it to pivot, solely by bearing in an off-centred manner on part of this shaft or on an element (30, 40) secured to it.

IPC 8 full level
A63B 69/40 (2006.01)

CPC (source: EP)
A63B 69/408 (2013.01)

Cited by
CN111905349A

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 2008056038 A1 20080515; AT E498439 T1 20110315; DE 602006020197 D1 20110331; EP 2094361 A1 20090902; EP 2094361 B1 20110216; ES 2363693 T3 20110811; PT 2094361 E 20110525

DOCDB simple family (application)
FR 2006051147 W 20061107; AT 06842008 T 20061107; DE 602006020197 T 20061107; EP 06842008 A 20061107; ES 06842008 T 20061107; PT 06842008 T 20061107