

Title (en)  
VOLLEYBALL PROJECTOR

Publication  
**EP 0052904 B1 19850320 (FR)**

Application  
**EP 81201270 A 19811117**

Priority  
BE 6047325 A 19801124

Abstract (en)  
[origin: EP0052904A1] 1. A volley ball shooter, comprising a principal chassis (1) and a propulsion mechanism incorporating a striking lever (21), and at least one propulsion spring (27), intended to work the aforementioned lever, characterised in that the device of the arming mechanism consists of a traction cable (15), preferably made of steel, fixed at one end to a striking lever (21) and the other end of which is rolled on a pulley (30), mounted sliding and free rotating on a rotating drive shaft (31), the aforementioned pulley having for its drive a side cam (32) intended to work in conjunction with a wedge (33) fixed on the peripheral edge of the said shaft, and being provided with the means of freeing the end of the winding of the cable (15), in a way that provokes, by the unwinding of the said cable, the automatic detente of the propulsion springs (27), these consisting of a lug (30') which is carried by the pulley (30) and stretches sideways in relation to this, and is supported on a bell cam (35) fixed on and turning concentric around shaft (31), a helicoidal spring (34) surrounding shaft (31) to push back the pulley (30) to its initial position of drive on the aforementioned shaft in a manner to be able to restart a cycle.

IPC 1-7  
**A63B 69/40**

IPC 8 full level  
**A63B 69/40** (2006.01)

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

Cited by  
CN115155037A; GB2176120A; US4709685A; WO8602572A1

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**EP 0052904 A1 19820602; EP 0052904 B1 19850320**; AT E12185 T1 19850415; BE 886329 A 19810316; DE 3169447 D1 19850425

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