

## Title (en)

Electromechanical apparatus for launching balls, in particular footballs.

## Title (de)

Elektromechanisches Übungsgerät zum Werfen von Bällen, insbesondere von Fussbällen.

## Title (fr)

Appareil électromécanique d'entraînement pour lancer des ballons, notamment de football.

## Publication

**EP 0520929 A1 19921230 (FR)**

## Application

**EP 92480091 A 19920623**

## Priority

FR 9107846 A 19910624

## Abstract (en)

Training apparatus for launching balls, in particular footballs, of the type using a magazine containing the balls (3). The said balls (3) are led via a chute (4) and by means of gravity, one by one, to a firing station (5), where a means acts as a launching arm. The lower end (8) of the chute (4) for supplying the balls (3), which emerges at the firing station (5), is provided with a single dispenser of balls (3). The ejection arm (10) is mounted integrally with a shaft (11) mounted on bearings (12, 13, 14) and equipped with a return spring (42) on which a launching arm (15) is also mounted, the said launching arm (15) is actuated by a motorisation arm (16) which strikes the launching arm (15) in rotation, the motorisation arm (16) comprises an adjustment means which makes it possible to vary its radius (R, R) so as to give greater or lesser power to its lever arm. The firing station (5) is formed by a cradle which is provided with means for adjustment in horizontal (F7, F8) and vertical (F9, F10) translation. Football training apparatus. <IMAGE>

## IPC 1-7

**A63B 69/40**

## IPC 8 full level

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## Citation (search report)

- [AD] FR 2334381 A1 19770708 - SCHEIWILLER KURT [CH]
- [AD] DE 2716643 A1 19781019 - STAPELFELDT BRUNO
- [A] WO 8605109 A1 19860912 - SCHEIWILLER KURT
- [AD] BE 649142 A 19641001

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EP1020207A1; CN112405553A; FR2688700A1; DE19719086A1; DE19719086B4; FR2946543A1; WO2019166738A1; WO2012028831A1; WO2008056038A1

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