

Title (en)

AXE THROWING GAME WITH AUTOMATED SCORING AND AXE RETURN

Title (de)

AXTWURFSPIEL MIT AUTOMATISCHER PUNKTEVERGABE UND AXTRÜCKGABE

Title (fr)

JEU DE LANCER DE HACHE AVEC ÉVALUATION AUTOMATIQUE ET RETOUR DE LA HACHE

Publication

EP 4008991 A1 20220608 (EN)

Application

EP 21211737 A 20211201

Priority

- CN 202022842626 U 20201202
- US 202117199675 A 20210312

Abstract (en)

An amusement game (10) that includes a target assembly (62) that functions to receive an axe-shaped game piece (16). The amusement game (10) includes a target assembly (62) having one or more target areas (82, 84) that each include a series of spaced fingers (86) designed to receive and retain the game piece (16) when the game piece (16) is thrown at the target area (82, 84). After the game piece (16) or pieces have been thrown, a sensor frame (110) having a series of sensors detects the location of the game piece (16) and a point total is assigned to the sensed location. A drive motor (118) moves a release frame (96) relative to the targets (82, 84) to release the game piece (16) from the target. The release frame (96) includes a wire mesh (102) extending across an open area such that the wire mesh (102) moves along the spaced fingers (86) to release the game piece (16). A return conveyor (40) receives the released game piece (16) and automatically returns the game piece (16) to the player.

IPC 8 full level

F41J 3/00 (2006.01); **A63F 9/02** (2006.01); **F41J 5/08** (2006.01); **A63F 7/34** (2006.01); **A63F 9/24** (2006.01)

CPC (source: EP)

F41J 3/0047 (2013.01); **F41J 5/08** (2013.01)

Citation (search report)

- [XYI] US 3623065 A 19711123 - ROCKWOOD GILBERT M, et al
- [XAY] US 3790173 A 19740205 - CALLAWAY J
- [XYI] US 4824120 A 19890425 - WANG HSIEH Y [US]
- [Y] DE 2702502 A1 19780727 - STAFOTECHNIK GMBH RETZLAFF UND
- [Y] US 2020038743 A1 20200206 - CHUNG IN HING GORDON [HK]
- [Y] GB 1295885 A 19721108

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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