

Title (en)  
GAMING APPARATUS

Publication  
**EP 0119415 A3 19851002 (DE)**

Application  
**EP 84100995 A 19840201**

Priority  
DE 3308618 A 19830311

Abstract (en)  
[origin: US4509754A] A game of chance apparatus includes a rotatable symbol substrate driven relative to a marker by an electric motor. Teeth are mounted coaxially with the symbol substrate and have a tooth repetition equal to that of the symbols. The relative motion between the symbol substrate and the marker can be started or stopped by an electromagnet, the marker and the symbol substrate being lockable into predetermined relative positions by means of the teeth. To reduce operational energy consumption and impact stresses, two annular electromagnets are mounted concentrically to each other and coaxially with the shaft of the symbol substrate. The magnetizable marker is freely displaceable between the poles of the electromagnets. Rings which cannot be magnetized are mounted at a distance from each of the electromagnets between their poles and the associated ends of the marker. Both rings are so shaped and mounted that the marker rests against the ring associated with the energized electromagnet and upon contact with a ring engages the teeth.

IPC 1-7  
**A63F 5/04**; **G07F 17/34**

IPC 8 full level  
**A63F 5/04** (2006.01); **A63F 9/00** (2006.01); **G07F 17/34** (2006.01); **A63F 5/00** (2006.01)

CPC (source: EP US)  
**A63F 5/04** (2013.01 - EP US); **G07F 17/34** (2013.01 - EP US); **A63F 5/0011** (2013.01 - EP US)

Citation (search report)  
• [AD] DE 8202983 U1 19820624  
• [A] DE 2909527 B1 19800604 - IMMENDORF KARL M DIPL ING  
• [A] DE 2016481 A1 19711028 - IMMENDORF K  
• [A] DE 1162116 B 19640130 - NSM APPBAU G M B H K G  
• [A] WO 8302904 A1 19830901 - TAITO CORP [JP]

Designated contracting state (EPC)  
CH FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0119415 A2 19840926**; **EP 0119415 A3 19851002**; **EP 0119415 B1 19881214**; DE 3308618 A1 19840927; DE 3308618 C2 19850926; JP H0410349 B2 19920225; JP S59168870 A 19840922; US 4509754 A 19850409

DOCDB simple family (application)  
**EP 84100995 A 19840201**; DE 3308618 A 19830311; JP 2596484 A 19840214; US 58341284 A 19840224