

Title (en)  
CONTROL CIRCUIT FOR COIN OPERATED AMUSEMENT GAMES

Publication  
**EP 0392658 A3 19910925 (EN)**

Application  
**EP 90302480 A 19900308**

Priority  
US 33732489 A 19890413

Abstract (en)  
[origin: EP0392658A2] The cost and complexity of connecting electrically actuated devices to a game control microprocessor in a coin operated amusement game can be reduced by utilizing a standard control assembly including a memory element for each of the devices and where a control circuit is used to connect the assemblies in series with the microprocessor. Data and clock lines in the control circuit are used to transmit control signals to the devices and the control circuit can additionally include power supply lines and a ground line. A similar arrangement can be used to transport data representing the status of game operated switches to the microprocessor.

IPC 1-7  
**G07F 17/32**

IPC 8 full level  
**A63F 7/02** (2006.01); **G07F 17/32** (2006.01)

CPC (source: EP)  
**G07F 17/32** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
DE ES FR GB

DOCDB simple family (publication)  
**EP 0392658 A2 19901017; EP 0392658 A3 19910925; EP 0392658 B1 19941012;** AU 5311590 A 19901018; AU 619100 B2 19920116; CA 2012031 A1 19901013; DE 69013207 D1 19941117; DE 69013207 T2 19950330; JP H0380882 A 19910405

DOCDB simple family (application)  
**EP 90302480 A 19900308;** AU 5311590 A 19900410; CA 2012031 A 19900313; DE 69013207 T 19900308; JP 9916990 A 19900413