

Title (en)

RATIO PRESERVING CONTROL SYSTEM.

Title (de)

STEUERSYSTEM ZUR AUFRECHTERHALTUNG EINES KONSTANTEN VERHÄLTNISSSES.

Title (fr)

SYSTEME DE COMMANDE MAINTENANT UN RAPPORT CONSTANT.

Publication

EP 0006879 A1 19800123 (EN)

Application

EP 78900065 A 19790227

Priority

- US 82000577 A 19770728
- US 89513978 A 19780410

Abstract (en)

[origin: WO7900072A1] An interlock mechanism for an operating system such as a zoom lens with at least first and second independently controllable operating parameters comprising sending means (11, 12) for generating control outputs which are the logarithmic value to a common base of the actual value of the operating parameter with which each control output is associated and control means (14) responsive to the difference between values of the outputs to change the actual value of one of the operating parameters as the actual value of the other operating parameter is changed to maintain a selected difference between the control outputs so that a selected prescribed ratio is maintained between the actual values of the operating parameters. The disclosure contemplates electromechanical, mechanical and electrical versions of the interlock mechanism.

IPC 1-7

G06F 7/66; **G02B 7/10**

IPC 8 full level

G02B 7/08 (2006.01); **G02B 7/10** (2006.01); **G05B 11/32** (2006.01); **G06G 7/66** (2006.01)

CPC (source: EP)

G02B 7/10 (2013.01); **G06G 7/66** (2013.01)

Designated contracting state (EPC)

FR

DOCDB simple family (publication)

WO 7900072 A1 19790222; EP 0006879 A1 19800123; GB 2021286 A 19790222; GB 2021286 B 19820512; JP S5425819 A 19790227; JP S601602 B2 19850116

DOCDB simple family (application)

US 7800047 W 19780725; EP 78900065 A 19790227; GB 7909366 A 19780725; JP 9163278 A 19780728