Title (en)
Missile-guidance system and guided missile.

Title (de)
Flugkörper-Lenksystem und gelenkter Flugkörper.

Title (fr)
Nouveau système de pilotage de missile et missile piloté.

Publication
EP 0021944 A1 19810107 (FR)

Application
EP 80400837 A 19800610

Priority
FR 7916559 A 19790627

Abstract (en)
[origin: US4383661A] A ground station forming part of a system for controlling the flight of a missile comprises two cascaded computers, the first of these computers generating guidance instructions on the basis of initially available data while the second computer converts these instructions into control signals transmitted to the missile. A receiver aboard the missile translates these control signals into operating commands for missile-borne actuators affecting its course, e.g. motors controlling yaw and pitch through the positioning of aerodynamic surfaces; the responses of the actuators to the operating commands are monitored by negative-feedback loops including error-correcting networks.

Abstract (fr)
Système de pilotage de missile, guidé par alignement. Comporte au sol, un calculateur (19) des ordres de pilotage et à bord, un distributeur (20) des ordres de pilotage aux circuits de commande (21-22) des actuateurs du missile, montés en contre-réaction. Application aux systèmes d'armes.

IPC 1-7
F41G 7/30

IPC 8 full level
F41G 7/30 (2006.01)

CPC (source: EP US)
F41G 7/30 (2013.01 - EP US)

Citation (search report)
- FR 2129948 A1 19721103 - THOMSON CSF
- US 3168264 A 19650202 - LEONARD SENDLES JOHN
- US 3450373 A 19690617 - RICHARDS FRANK A
- US 3998406 A 19761221 - SMITH CARL H, et al
- US 2634414 A 19530407 - ANDREW GORDON W
- US 4097007 A 19780627 - FAGAN JAMES J, et al
- US 3588002 A 19710628 - WHITE ALBERT J
- FR 1325343 A 19630426 - CONTRAVES AG

Cited by
US4898220A; GB2302224A; GB2302224B

Designated contracting state (EPC)
BE DE GB IT NL SE

DOCDB simple family (publication)
EP 0021944 A1 19810107; FR 2459955 A1 19810116; FR 2459955 B1 19830718; US 4383661 A 19830517

DOCDB simple family (application)
EP 80400837 A 19800610; FR 7916559 A 19790627; US 16230380 A 19800623