

Title (en)
Homokinetic actuator system.

Title (de)
Homokinetisches Stellsystem.

Title (fr)
Système actionneur homocinétique.

Publication
EP 0471919 B1 19950920 (DE)

Application
EP 91105326 A 19910404

Priority
DE 4022509 A 19900714

Abstract (en)
[origin: EP0471919A2] A homokinetic actuator system consists of an inner spherical shell 3 and an outer spherical shell 2 which are connected to one another by at least six transmission balls 4 and corresponding inner and outer ball tracks 9 and 11. At least two electrical control coils 7 are arranged in the inner or outer spherical shell 3 or 2. At least four permanent magnets 6 in the spherical shell 2 or 3 not provided with the control coils 7 interact with the control coils 7. At least twice three support balls serve for the relative mounting of the two spherical shells 2 and 3 about the centre of the sphere. <IMAGE>

IPC 1-7
G05D 1/08; **F41G 7/22**; **G01C 19/18**

IPC 8 full level
F41G 7/22 (2006.01); **G01C 19/18** (2006.01); **G05D 1/08** (2006.01)

CPC (source: EP)
F41G 7/2213 (2013.01); **F41G 7/222** (2013.01); **F41G 7/2253** (2013.01); **F41G 7/2293** (2013.01)

Citation (examination)
Prof. Dr.Ing. Siegfried Hildebrand,"Feinmechanische Bauelemente" VEB Verlag Technik Berlin, 2.Auflage, 1971, Seiten 724-725

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