

Title (en)

Velocity control circuit for hydraulic drives, preferably for hydraulic cylinders.

Title (de)

Schaltungsanordnung zur Geschwindigkeitssteuerung von hydraulischen Antrieben, vorzugsweise hydraulischen Arbeitszylindern.

Title (fr)

Système de contrôle de vitesse pour entraînements hydrauliques de préférence pour vérins hydrauliques.

Publication

EP 0505977 B1 19950524 (DE)

Application

EP 92105043 A 19920324

Priority

DE 4109754 A 19910325

Abstract (en)

[origin: EP0505977A1] In a velocity control circuit for hydraulic drives, preferably for hydraulic cylinders, in which one drive velocity each, selected and set via a command switch, is allocated to different quantities of the hydraulic medium, the invention is characterised in that, in the inflow and outflow line of the drive (Z), in each case a nozzle (1 to 3; 1' to 3') is allocated to a stage of the drive velocity, and nozzles (1, 1'; 2, 2'; 3, 3') allocated to the same velocity stage are each allocated to a connect-through position of a drive-side distributing slide valve (V1), and the medium passes through the connect-through positions (I to III) of the distributing slide valve (V1) in the direction of increasing or falling velocity graduations in one actuating direction each of the command switch (K). <IMAGE>

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CPC (source: EP KR US)

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