

Title (en)
Hydraulic servomotor control assembly

Title (de)
Hydraulisches Aggregat zur Regelung eines Servomotors

Title (fr)
Ensemble hydraulique de régulation d'un servomoteur

Publication
EP 0899464 A3 20000628 (EN)

Application
EP 98116235 A 19980827

Priority
JP 25126797 A 19970901

Abstract (en)
[origin: EP0899464A2] A hydraulic servomotor control assembly is disclosed, for example a hydraulic servomotor control assembly which supplies the pressurized oil as operating fluid to a hydraulic motor 1, and which controls the volume of the pressurized fluid by means of a servo valve 2. In hydraulic servomotors of the prior art, the hydraulic motor and the tachogenerator or rotational speed sensor device for detecting the rotation, are two separate entities, so that the servomotor must be quite large, and it is difficult to find ways to make it any smaller. In contrast to such prior art, the hydraulic servomotor control assembly according to this invention is distinguished by the fact that a hydraulic motor 1 and a rotational speed detector device (13, 17, 20) are shaft coupled and integral with each other, so that the resulting assembly is both compact and stable. <IMAGE>

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IPC 8 full level
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