

Title (en)
ELECTRIC POWER ASSISTED RACK AND PINION SYSTEM

Title (de)
ELEKTRISCHE ZAHNSTANGEN-SERVOLENKUNG

Title (fr)
SYSTEME DE CREMAILLERE ET PIGNON A ASSISTANCE ELECTRIQUE

Publication
EP 1214240 A2 20020619 (EN)

Application
EP 00959906 A 20000901

Priority

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- US 15979699 P 19991015

Abstract (en)

[origin: WO0115956A2] Disclosed is an electrically operated power steering apparatus that has an electric motor disposed parallel to a rack shaft. The system is designed such that the motor can be installed in any angle around a rack housing of small diameter. This permits easy installation and flexibility of design. The apparatus is also designed to accommodate off-the-shelf electric motors that are already commercially available so as to eliminate the need to customize an electric motor for each application.

[origin: WO0115956A2] An electrically operated power steering apparatus has an electric motor (10) disposed parallel to a rack shaft (3). The system is designed such that the motor can be installed in any angle around a rack housing (1) of small diameter. This permits easy installation and flexibility of design. The apparatus is also designed to accommodate off-the-shelf electric motors that are already commercially available so as to eliminate the need to customize an electric motor for each application.

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