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**(54) Title (EN):** SLEW DRIVE WITH INTEGRATED REDUCER ASSEMBLY

**(54) Title (FR):** COMMANDE DE BALAYAGE AVEC ENSEMBLE RÉDUCTEUR INTÉGRÉ

**(57) Abstract:**

**(EN):** A slew drive comprises a worm gear which is integrated with a reducer assembly. One end of the worm gear operates as a carrier which engages a plurality of planetary gears which are part of the reducer assembly. The carrier may be a separate component that is coupled with the worm gear. Alternatively, one end of the worm gear can be machined to operate as the carrier. The carrier engages a plurality of planetary gears via a plurality of holes.

**(FR):** L'invention concerne une commande de balayage comprenant un engrenage à vis sans fin qui est associé à un ensemble réducteur. Une extrémité de l'engrenage à vis sans fin fonctionne en tant que support qui vient en prise avec une pluralité d'engrenages planétaires faisant partie de l'ensemble réducteur. Le support peut être un composant séparé qui est couplé à l'engrenage à vis sans fin. En variante, une extrémité de l'engrenage à vis sans fin peut être usinée pour fonctionner en tant que ledit support. Le support vient en prise avec une pluralité d'engrenages planétaires par l'intermédiaire d'une pluralité de trous.

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European Patent Office (EPO) : AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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### **Declarations:**

Declaration made as to the identity of the inventor (PCT Rules 4.17(i) and 51bis.1(a)(i))

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate

Declaration made as applicant's entitlement, as at the international filing date, to claim the priority of the earlier application, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))