

Abstract**SCREW-DRIVING TOOL AND CORRESPONDING SCREW**

- 5 The invention relates to a screwing tool with a longitudinal axis X comprising a first, drive part, which can receive torque, and a second, transmission part, which is designed to cooperate with a screw, in order to re-transmit to it the torque received, the second part having a conical peripheral envelope with three longitudinal concavities with conical generatrices, defining three identical radial transmission
- 10 lobes, each of which has, in a cross-section perpendicular to the longitudinal direction, a distal tangential portion which extends according to an arc of a circle, and is extended on both sides by two connection portions, each of which is defined by a curve comprising a substantially radial main part, and having a point of inflection before re-joining a proximal joining region which ensures the joining with an adjacent
- 15 connection portion. The joining regions have a cone angle which is smaller than the cone angle of the tangential portions, and is substantially less than 5° , preferably less than 3° .

Figure 1