

ABSTRACT **MONOPHASE ELECTROMECHANICAL TRANSDUCER,**
IN PARTICULAR OF THE HOROLOGICAL TYPE, AND
ELECTROMECHANICAL DEVICE INCLUDING AT LEAST
ONE SUCH TRANSDUCER

The monophase electromechanical transducer (2) includes a stator (8) and a rotor (4) including a permanent bipolar magnet (6). The stator is formed of a planar structure (10) defining first and second magnetic stator poles (18,20) and a core (12) carrying a coil (14), said core magnetically connecting first and second magnetic poles. The coil is situated in an opening (35) the edge (36) of which is closed on itself and the part of the planar structure which defines said second magnetic pole surrounds completely said opening and a hole (16) in which said bipolar magnet is situated.

Figure 1