

**"COUNTER-TORQUE DEVICE WITH DUCTED TAIL ROTOR AND
DUCTED FLOW-STRAIGHTENING STATOR, FOR HELICOPTERS"**

EUROCOPTER FRANCE

ABSTRACT

The rotor (7) is supported within the duct (6) by a stationary flow-straightener (8) with vanes (9) connecting the wall of the duct (6) to a central body (14) housing the mechanism for driving the rotor (7). This mechanism is surrounded by a casing (17) equipped with radial arms (19) bearing removable means for fastening to an internal flange of the body (14), so as to fasten the flow-straightener (8) and the casing (17) rigidly to one another, and both into the duct (6).

Figure 1.