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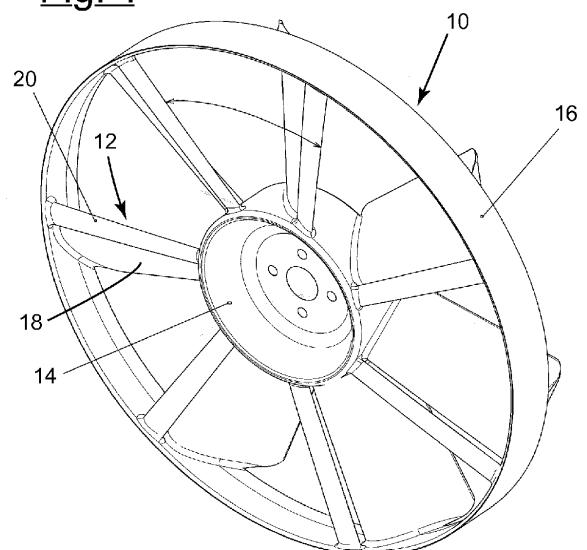
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(54) **Axial fan for cooling the underhood of a farm machine**

(57) Herein described is an axial fan for cooling the underhood of a farm machine, of the type made up of a rotor (10) provided with a plurality of blades (12) with a wing profile and a substantially radial development constrained against the central hub (14) of the rotor (10) at one of their first ends. Each blade (12) is made up of a first element or main profile (18) and by at least a second element or flap (20) arranged in proximity to the inlet edge (18') of the first element or main profile (18). A blading profile of such type allows pitch setting the blades with considerable angles of attack and obtaining high dynamic values, avoiding the occurrence of separations of the boundary layer from the top layer of the blade profile itself at the same time.

Fig. 1



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