

ROTOR BLADE

ABSTRACT OF THE DISCLOSURE

A rotor blade (100, 200) for a turbine engine (10) including a blade root section (104, 204) and an airfoil section (102, 202) which extends radially outward along a radial line R_{AS} from the blade root section (104, 204), is described. The radial line R_{AS} extends at an angle relative to a plane extending across a top surface of a platform (106, 206), rather than normal, or perpendicular, to such plane. As a result, and during a blade out event, an overturning moment is generated in a root of the airfoil section (102, 202). The overturning moment facilitates bending the airfoil section (102, 202) reducing damage to the stator.

Fig 8