

METHOD FOR REPAIRING A TURBINE ENGINE MEMBER DAMAGED TIP**ABSTRACT**

A method for repairing a damaged tip 10 of a turbine engine member, for example a tip of a high temperature operating turbine blade, having a
5 designed length L and an environmental resistant coating 14, 16 at least on an outer wall 12 of the member and extending at least onto the tip 10, includes removing the damaged tip 10 without first removing coating 14, 16 on a wall 12 adjacent the tip 10. This provides a preform end surface 24 to which is bonded a replacement tip material 32 having a second length greater than the
10 designed length L. Then a portion of the replacement tip material 32 is removed to provide the member with a repaired member tip 34 and of substantially the designed length L while retaining the coating 14, 16 on the wall 12 adjacent the repaired tip 34.

Figure 10