

GAS TURBINE ENGINE WITH HIGH SPEED LOW PRESSURE TURBINE SECTION

Abstract

A gas turbine engine includes a very high speed low pressure turbine such that a quantity defined by the exit area of the low pressure turbine multiplied by the square of the low pressure turbine rotational speed compared to the same parameters for the high pressure turbine is at a ratio between about 0.5 and about 1.5.

Fig. 2