

WIDE ANGLE GUIDE VANE



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ABSTRACT OF THE DISCLOSURE

A variable inlet guide vane (30) includes opposite pressure and suction sides (34,36) extending along a chord between leading and trailing edges (40,42) and in span from root (44) to tip (46). The vane has a maximum thickness greater than about eight percent chord length and located less than about thirty-five percent chord length from the leading edge.

Figure 4