ORIGINAL

ABSTRACT

NEGATIVE PRESSURE AIR BEARING SLIDER

The present invention provides a negative pressure air bearing slider having two side rails (20, 22), a cross rail (24), a negative pressure cavity (28), a pair of isolation channels (30, 22) disposed between the negative pressure cavity and the side rails and first and second intermediate surfaces which are recessed from the air bearing surfaces of the first and second rails and are raised from the isolation channels to enhance pressurisation of the rails when the slider is at a skew angle.

[Fig. 2c]

This Sheet Has Been Replaced

