

ABSTRACT OF THE DISCLOSURE
A SHEET STRUCTURAL MATERIAL

The invention relates to the rolling production, and can be suitably used in the metalworks utilized in the construction and mechanical engineering industries, and in other types of metalworks. A sheet structural material in its cross-section has boundaries of the front and rear sides. The material is implemented as having a structurally-predetermined thickness variation effected by a shaping operation. On the boundary of the front and/or rear side, and/or at least on one of the cross-section vertices, at least a portion of the cross-section boundary line is implemented in the form of a fragment of a conic section of a right circular cone. Such implementation of a sheet as having a structurally-predetermined thickness variation as effected by shaping operations allows to improve the manufacturability of the articles made of a sheet structural material and reduce the amount of materials consumed in manufacturing thereof through an optimal material strength distribution in a manufactured metalwork.

(FIGURE 1 IS SUGGESTED FOR PUBLICATION)

This Sheet Has Been Replaced

