

004315

Hanau, this May 28, 1996

SSR/Kü/ec/p0426.sam

Summary

This invention relates to a method as well as to a device to manufacture a laminar composite out of at least two foil sheets a method in which recurrent punching structures are applied into the foil sheets in a punching device in equal distances and in which the foil sheets are glued together after applying the punching structures in such a way that the punching structures of the foil sheets glued together have a predetermined position towards each other. To glue different foil sheets together into a laminar composite in a simple way and with a tight fit, the foil sheets are fed into the same punching device one after the other, identical position markings being punched into the foil sheet in a first part of the punching device and then a characteristic foil structure being punched into each foil sheet in a second independent and replaceable part of the punching device, the second part of the punching device being replaced after each run of a foil sheet through the punching device. A sum error due to different heat expansions of the foil sheets when glueing the sheets as a whole is avoided by the prior application of tack points.