

Abstract:

Iron having an anti-friction layer.

A description is given of an iron and a soleplate having an improved anti-friction layer. Said soleplate is characterized in that the anti-friction layer consists predominantly of aluminium oxide which is formed in an electrochemical manner. The anti-friction layer on the inventive soleplate and hence on the inventive iron can be provided in a simple and cheap manner. It has additionally been found that the layer thus provided meets a large number of requirements, such as a sufficient degree of hardness, good anti-friction properties, a low corrosion resistance a good scratch resistance, good gliding properties and that it is easy to clean such layer. If desired, the anti-friction layer is applied to an intermediate layer which is situated between the anti-friction layer and the soleplate. By virtue thereof, use can be made of an injection-mouldable aluminium soleplate on which an electrochemical anti-friction layer can less easily be formed. The intermediate layer consists of a sprayed aluminium layer or an anodizable aluminium layer. If desired, the colour of the anti-friction layer can be varied by means of colouring techniques.

Fig. 1.