~~BOOM SKIRT~~

Description

The invention relates to a barrier skirt comprising a number of identically shaped struts which are connected in a pivotable manner, and at a distance apart from one another, to a barrier boom, which is articulated on a barrier housing and can be pivoted in a vertical plane, and to a rail running parallel to the barrier boom.

DE 398707 discloses a barrier skirt of which the struts are set at their lower fastening end, and if required also at their upper fastening end, such that they can swing in automatically, without obstructing one another, when the barrier boom is raised vertically.

Barrier skirts should prevent any access beneath the barrier boom when the barrier is closed or should provide at least an additional safeguard for people, particularly for children, and also animals.

One problem with known barrier skirts is that during the operation of opening the barrier, when the barrier skirt folds together, there are pinch points and shear points virtually on each strut, that is to say a multiplicity of such pinch points and shear points overall, these constituting a risk of injury particularly for children wanting to reach for example into the barrier skirt. Such sources of risk, in accordance with the European Machinery Directive, have to be avoided.

It is frequently also considered to be necessary to equip a barrier not just with a means for preventing access beneath it, but, in addition, also with a barrier skirt forming a means for preventing access over it. In order to fasten the struts of a means for preventing access over the barrier, it is known for the struts to be drilled

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