

Title (en)  
Shield connector for helmet

Title (de)  
Vorrichtung zum Befestigen einer Visierscheibe an einem Helm

Title (fr)  
Dispositif pour monter une visière sur un casque

Publication  
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Application  
**EP 99309050 A 19991115**

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• US 25510599 A 19990222

Abstract (en)  
A shield connecting system for a helmet has components mounted on the right and left sides of the helmet, and components that are provided on the face shield. The components that are mounted on each side of the helmet include a fixation mechanism that has a rotation member, a first resilient plate, and a second resilient plate which is installed under the first resilient plate. The fixation mechanism has a protrusion and a guide for guiding the rotation of the rotation member. The rotation member has at an adjacent portion thereof an aperture. An insertion guide portion to correspond to the aperture is formed in a front portion of the aperture. The first resilient plate has at a rear portion thereof a protrusion. The shield to be coupled with the fixation mechanism has, for an assembly of the assembly with the helmet body, at both inner end surfaces thereof a connection member to be inserted to the rotation member, a protruded guide, and a rack-shaped control member. The protruded guide and rack-shaped control member control the degree of rotation of the shield by the first and second resilient plates. In one embodiment of the invention, the user locks the shield into place by moving a locker arm that is mounted on the helmet from an open position to a closed position, thereby rotating a member that locks the shield onto the helmet. In another embodiment, a member associated with the face shield moves the locker arm to a closed position as the shield is lowered over the opening in the helmet, to provide automatic locking. <IMAGE>

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