

Title (en)

DISASSEMBLY/ASSEMBLY AND LOCKING STRUCTURE FOR ICE SKATING BLADE

Title (de)

DEMONTAGE-/MONTAGE- UND VERRIEGELUNGSSTRUKTUR FÜR EISLAUFMESSER

Title (fr)

STRUCTURE DE DÉMONTAGE/ASSEMBLAGE ET DE VERROUILLAGE POUR UNE LAME DE PATIN À GLACE

Publication

EP 4316616 A1 20240207 (EN)

Application

EP 21893106 A 20210526

Priority

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- CN 2021095991 W 20210526

Abstract (en)

The present disclosure discloses a locking structure for assembling and disassembling a skate, which comprises a skate bracket connected to the sole, wherein the bottom of the skate bracket is provided with a cutter groove into which a skate is inserted, one end of the cutter groove is provided with a first clamping point capable of clamping a skate hook at one end, and one end of the cutter groove far away from the first clamping point is provided with a hook accommodating cavity into which the skate hook is inserted at the other end; the hook accommodating cavity is provided with a clamping member slidable back and forth to lock the skate hook in the hook accommodating cavity, and a driving member capable of driving the clamping member to slide back and forth in the hook accommodating cavity. The present disclosure uses a folding locking wrench provided at one side of the skate bracket to drive the gear provided on the driving shaft in the skate bracket to rotate, and pushes the rack on the guide member, so that the guide member can drive the locking hook to move back and forth along the guide groove in the hook accommodating cavity, so that the locking hook can lock a second skate hook in the hook accommodating cavity, or release the second skate hook from the hook accommodating cavity, so as to achieve the purpose of easily disassembling the skate.

IPC 8 full level

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