

Title (en)
Selvage device in loom

Title (de)
Leistenbildungsvorrichtung in einer Webmaschine

Title (fr)
Dispositif de formation de lisière dans un métier à tisser

Publication
EP 1726696 A2 20061129 (EN)

Application
EP 06006887 A 20060331

Priority
• JP 2005303862 A 20051019
• JP 2005152269 A 20050525

Abstract (en)
A selvage device (10) in a loom has a rotary member (26, 60) provided with guides (26a, 60a) for guiding selvage yarns (ST), and rotates the rotary member to move the selvage yarns in a shedding motion. The selvage device includes a selvage shedding mechanism (20) having the rotary member and a designated driving motor (24) that rotates the rotary member unidirectionally in an intermittent fashion; and a selvage feeding mechanism (30) disposed upstream of the selvage shedding mechanism in a traveling direction of the selvage yarns. The selvage feeding mechanism includes a guide unit having a pair of guide portions (46a, 47a, 45a, 45b) for guiding the selvage yarns respectively fed from a pair of yarn feeders; and a rotating unit supporting the guide unit and rotated continuously in the same rotational direction as the rotary member. The guide portions revolve in response to the rotation of the rotating unit, such that sections of the selvage yarns extending from the yarn feeders to the corresponding guide portions revolve without intercrossing each other.

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Designated extension state (EPC)
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