

Title (en)
Tambour frame with a clamping device

Title (de)
Stickrahmen mit einer Spannvorrichtung

Title (fr)
Cadre de broderie avec un dispositif de serrage

Publication
EP 1972711 A1 20080924 (DE)

Application
EP 08405016 A 20080117

Priority
CH 4442007 A 20070320

Abstract (en)
The frame has an outer frame (3) opened on a position, and a rotary knob arranged on the outer frame, and two opened ends (13, 15) contractible on the outer frame around an inner frame (5) by the knob. A longitudinal traction element i.e. gear rod (17), is arranged as a clamping device on the end (13), and is arranged as a rotatable and drivable clamping element i.e. toothed pinion, on the end (15). The rotatable and drivable clamping element is engaged on the traction element, and the toothed pinion is connected with a ratchet in a rotatably fixed manner.

Abstract (de)
Am Stickrahmen (1) ist eine Spannvorrichtung (11) angeordnet, welche mit einem Drehknopf (33) das Spannen des Aussenrahmens (3) ermöglicht. Im Drehknopf (33) ist zum Schutz vor Beschädigung eine Ratsche (37) eingesetzt und zum einfachen Öffnen nach Beendigung des Stickvorgangs ein Freilauf (45) eingesetzt.

IPC 8 full level
D05C 1/02 (2006.01); **D05C 9/04** (2006.01)

CPC (source: EP US)
D05C 1/02 (2013.01 - EP US); **D05C 9/04** (2013.01 - EP US)

Citation (applicant)
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• DE 3130882 A1 19820401 - AISIN SEIKI [JP]
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• [XA] US 586947 A 18970720
• [XA] DE 19637866 A1 19980319 - ZSK STICKMASCH GMBH [DE]
• [A] US 6276288 B1 20010821 - HATTORI OSAMU [JP], et al
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CH CZ DE GB LI SE

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AL BA MK RS

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US 7562475 B2 20090721

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