

Title (en)

THREAD FEEDING DEVICE COMPRISING A SPRING STOP FOR THREAD DETECTORS

Title (de)

FADENLIEFERGERÄT MIT FEDERANSCHLAG FÜR FADENFÜHLER

Title (fr)

APPAREIL DE DISTRIBUTION DE FIL COMPRENANT UNE BUTEE A RESSORT POUR PALPEUR DE FIL

Publication

EP 1364086 B1 20061206 (DE)

Application

EP 02714003 A 20020208

Priority

- DE 0200475 W 20020208
- DE 10109143 A 20010226
- DE 10113184 A 20010319

Abstract (en)

[origin: US2004154340A1] The yarn feeder device (1) of the invention has one or more yarn feeler levers (26), which are movably supported on the housing (2). The yarn feeler lever (26) is movable between an operating position I and a response position II. In the operating I, its crossbar (28) which forms the yarn feeler means is approximately in the same line as yarn guide elements, such as the struts (19, 23) of yarn guide bails (18, 22). Somewhat above its operating position I, the yarn feeler lever (26) meets a stop, past which it is not moved by the yarn (8). To improve the accessibility to the yarn guide elements (19, 23) particularly when yarn is being inserted and threaded in, the stop of the yarn feeler lever (26) is embodied as yielding. The yarn feeler lever (26) can therefore be moved upward manually past the stop on its lower end (28), in order to open up the space enclosed between the yarn guide elements (19, 23).

IPC 8 full level

D04B 15/48 (2006.01); **B65H 51/20** (2006.01)

CPC (source: EP KR US)

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DOCDB simple family (publication)

US 2004154340 A1 20040812; US 7237742 B2 20070703; CN 1296544 C 20070124; CN 1494614 A 20040505; CZ 20032285 A3 20040218; DE 10113184 A1 20020926; DE 10113184 B4 20060420; DE 50208892 D1 20070118; EP 1364086 A1 20031126; EP 1364086 B1 20061206; KR 100544047 B1 20060123; KR 20030083721 A 20031030; RU 2248419 C1 20050320; TW 593820 B 20040621; WO 02068742 A1 20020906

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