

Title (en)

Sewing machine with an oil tank and plunger for the oil tank of this sewing machine

Title (de)

Nähmaschine mit einem Ölbehälter sowie Tauchkörper für den Ölbehälter einer derartigen Nähmaschine

Title (fr)

Machine à coudre avec un réservoir d'huile, et élément immergé pour le réservoir d'huile de cette machine à coudre

Publication

EP 1584726 B1 20090610 (DE)

Application

EP 05007235 A 20050402

Priority

- DE 102004018071 A 20040408
- DE 102004059194 A 20041209

Abstract (en)

[origin: EP1584726A1] The lubrication system, for at least one lubricating point at a sewing machine, has a body (60) immersed in the oil container. The base of the body is of a light-permeable material with at least one reflection surface (84,86). A lamp (78) delivers a light beam downwards to the reflection surfaces, for the reflected light to be registered by an upper light receiver (80). The receiver generates a switch pulse when light strikes it to illuminate a warning lamp on a common carrier plate (74).

IPC 8 full level

D05B 71/00 (2006.01); **G01F 23/22** (2006.01)

CPC (source: EP KR)

B43K 23/008 (2013.01 - KR); **D05B 71/00** (2013.01 - EP)

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DOCDB simple family (publication)

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