

Title (en)
Hook assembly and sewing process.

Title (de)
Schlingenfänger und Nähverfahren.

Title (fr)
Boucleur et procédé de couture.

Publication
EP 0669415 A1 19950830 (EN)

Application
EP 95200450 A 19950223

Priority
• JP 2698594 A 19940224
• JP 24659294 A 19941012

Abstract (en)
In rotary hook assemblies (101) and oscillating shuttle hook assemblies (321), a bearing rib (108,325) on a bobbin case basket (106, 311) or at least its surface layer (217, 324) is composed of a synthetic resin such as a liquid crystal polymer, which has such properties that the amount of the rotating frictional force of the slide contact portion, between the surface layer (217, 324) of the bearing rib (108, 325) and the inside circumference layer (326) of the groove shaped bearing raceway (128, 322) where the bearing rib (108, 325) is fitted, is lower in cases without industrial sewing machine oil than in other cases with the industrial sewing machine oil. By this construction, the hook assembly (101, 321) which has the good durability of the rotating portion without any hook lubrication is realized. Accordingly, the oil stains of threads and sewing materials by hook lubricant is disappeared and the sewing quality enhances. <IMAGE>

IPC 1-7
D05B 57/14

IPC 8 full level
D05B 57/16 (2006.01)

CPC (source: EP KR)
D05B 57/00 (2013.01 - KR); **D05B 57/10** (2013.01 - KR); **D05B 57/16** (2013.01 - EP)

Citation (search report)
• [X] FR 1116991 A 19560515 - PHOENIX NAHMASCHINEN A G BAER
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Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0669415 A1 19950830; EP 0669415 B1 20020619; AT E219533 T1 20020715; CN 1042155 C 19990217; CN 1124794 A 19960619; DE 69527103 D1 20020725; DE 69527103 T2 20030116; KR 0121874 B1 19971118; KR 950025132 A 19950915; TW 316935 B 19971001

DOCDB simple family (application)
EP 95200450 A 19950223; AT 95200450 T 19950223; CN 94120472 A 19941220; DE 69527103 T 19950223; KR 19940035810 A 19941220; TW 83112078 A 19941223