

Title (en)  
SLIDE NEEDLE FOR A STITCH-FORMING TEXTILE MACHINE

Publication  
**EP 0131709 B1 19880107 (DE)**

Application  
**EP 84105514 A 19840515**

Priority  
DE 3325767 A 19830716

Abstract (en)  
[origin: US4584852A] A compound needle for a knitting machine has a machine shank of substantially rectangular cross section, in which a substantially U-shaped longitudinal groove open at the top is formed. A closing slider adapted to fit the cross section of the groove is guided in the groove in a longitudinally slidable manner, and the groove has at least one slit leading to the outside, which extends parallel to the longitudinal axis of the groove. In order to attain satisfactory removal of fluff or lint from the longitudinal groove, on the one hand, and to assure sufficient stability and resistance to transverse bending of the needle on the other, the longitudinal groove is closed on its top, at least partially, in the vicinity of the recess by means of a rib which also forms a guide for the slider.

IPC 1-7  
**D04B 35/06**

IPC 8 full level  
**D04B 27/04** (2006.01); **D04B 35/06** (2006.01)

CPC (source: EP KR US)  
**D04B 27/04** (2013.01 - KR); **D04B 35/06** (2013.01 - EP US)

Cited by  
EP4389951A1; WO2024132339A1

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**DE 3325767 C1 19841108**; CA 1230747 A 19871229; DE 3468452 D1 19880211; EP 0131709 A1 19850123; EP 0131709 B1 19880107; JP H0765259 B2 19950712; JP S6039461 A 19850301; KR 850001324 A 19850318; KR 860000955 B1 19860723; US 4584852 A 19860429

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**DE 3325767 A 19830716**; CA 458710 A 19840712; DE 3468452 T 19840515; EP 84105514 A 19840515; JP 14742784 A 19840716; KR 840004121 A 19840713; US 63007984 A 19840712