

Title (en)

LATCH NEEDLE FOR STITCH-FORMING TEXTILE MACHINES

Publication

EP 0278053 B1 19910417 (DE)

Application

EP 87114927 A 19871013

Priority

DE 3702019 A 19870124

Abstract (en)

[origin: US4791794A] A latch needle having an elongated spring element, one end thereof attached to the bottom of a recess in one portion of the slot, the other end of said spring element bearing on the extended end portion of the latch biasing the latch to a partially open position.

IPC 1-7

D04B 35/04

IPC 8 full level

D04B 35/04 (2006.01)

CPC (source: EP KR US)

D04B 35/04 (2013.01 - EP KR US)

Cited by

EP1464746A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

DE 3702019 C1 19870924; CA 1293867 C 19920107; CN 1005343 B 19891004; CN 88100313 A 19880803; DE 3769465 D1 19910523; EP 0278053 A1 19880817; EP 0278053 B1 19910417; ES 2021670 B3 19911116; JP H0223619 B2 19900524; JP S63196748 A 19880815; KR 880009156 A 19880914; KR 910001802 B1 19910326; US 4791794 A 19881220

DOCDB simple family (application)

DE 3702019 A 19870124; CA 556760 A 19880118; CN 88100313 A 19880120; DE 3769465 T 19871013; EP 87114927 A 19871013; ES 87114927 T 19871013; JP 1183988 A 19880121; KR 880000507 A 19880123; US 14669988 A 19880121