

Title (en)
STAMPED KNITTING TOOL FOR A KNITTING MACHINE

Publication
EP 0123914 B1 19861112 (DE)

Application
EP 84103453 A 19840329

Priority
DE 3314809 A 19830423

Abstract (en)
[origin: US4562705A] To provide for damping of vibrations or oscillations exerted on the shaft or shank (7) of a knitting element, and thus reduce breakage of the shaft or shank and failure of the head portion thereof, the shaft or shank is formed with solid guide portions (10) of which at least one is in alignment with a butt extending from the shaft or shank. Two solid guide portions are connected by at least one connecting bridge portion (12) of only up to 1.1 mm height, and which defines an opening (11, 11a, 11b) therebeneath, with respect to the remaining edges of the shaft, which opening is filled with vibration or oscillation-damping material, such as a plastic or a metal, flush, or slightly recessed with the side surfaces of the shaft, and securely bonded to the edges of the adjacent bridge portion and the spaced solid guide portions facing the opening. The guide portions may be of different longitudinal dimension, for example have a dimension of only of that in the order of the bridge portion. The bridge portions can be located in longitudinal alignment, or can be offset to result, in combination with adjacent guide portions, in a meander arrangement made of metal, typically steel, with the openings defined by the meander arrangement being filled with the vibration or oscillation-damping material, and bonded to the adjacent steel parts of the meander arrangement.

IPC 1-7
D04B 35/02

IPC 8 full level
D04B 35/02 (2006.01); **D04B 35/04** (2006.01)

CPC (source: EP US)
D04B 35/02 (2013.01 - EP US)

Cited by
EP0282647A1

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

DOCDB simple family (publication)
EP 0123914 A1 19841107; EP 0123914 B1 19861112; CA 1222145 A 19870526; DE 3314809 A1 19841031; DE 3314809 C2 19850912; DE 3461310 D1 19870102; JP S6034656 A 19850222; JP S6346184 B2 19880913; KR 860000901 B1 19860716; US 4562705 A 19860107

DOCDB simple family (application)
EP 84103453 A 19840329; CA 452441 A 19840419; DE 3314809 A 19830423; DE 3461310 T 19840329; JP 7874684 A 19840420; KR 840002151 A 19840423; US 60388684 A 19840424