

Title (en)
Warp-knitting needle

Title (de)
Wirknadel

Title (fr)
Aiguille pour un métier à mailles jetées

Publication
EP 2045384 B1 20120822 (DE)

Application
EP 07019323 A 20071002

Priority
EP 07019323 A 20071002

Abstract (en)
[origin: EP2045384A1] A shaft (4) with two side surfaces is supported at the bar of the knitter. When the knitting tool (2) is mounted to the bar, the shaft is held by a shaft section (5) in the bar. The second shaft section (6) protrudes from the bar. A plastic body (15) is held and anchored at the shaft and is protruding beyond the first side surface of the shaft.

IPC 8 full level
D04B 35/02 (2006.01)

CPC (source: EP KR US)
D04B 15/00 (2013.01 - KR); **D04B 15/14** (2013.01 - KR); **D04B 15/38** (2013.01 - KR); **D04B 35/02** (2013.01 - EP US)

Cited by
EP3088580A1; EP3009550A1; DE102014002790A1; DE102015010016A1

Designated contracting state (EPC)
DE IT RO TR

DOCDB simple family (publication)
EP 2045384 A1 20090408; EP 2045384 B1 20120822; CN 101413181 A 20090422; CN 101413181 B 20120201; JP 2009108464 A 20090521; JP 4829283 B2 20111207; KR 101050973 B1 20110726; KR 20090034277 A 20090407; US 2009084143 A1 20090402; US 7624599 B2 20091201

DOCDB simple family (application)
EP 07019323 A 20071002; CN 200810173728 A 20080928; JP 2008257227 A 20081002; KR 20080093988 A 20080925; US 28533508 A 20081002