

Title (en)

Reusable bobbin.

Title (de)

Wiederverwendbarer Spulenkörper.

Title (fr)

Douille réutilisable.

Publication

EP 0404043 B1 19940202 (DE)

Application

EP 90111531 A 19900619

Priority

IT 2127489 U 19890620

Abstract (en)

[origin: EP0404043A1] Reusable bobbin body consisting of two identical, cup-shaped half-bodies (5), with means for mutual connection (13, 14) and means for stacking the bobbin bodies (15, 16), there being two lateral delimiting discs (3) which can be connected releasably to the cup-shaped half-bodies (5). <IMAGE>

IPC 1-7

B65H 75/22

IPC 8 full level

B65H 75/22 (2006.01)

IPC 8 main group level

B31C (2006.01)

CPC (source: EP US)

B65H 75/2227 (2021.05 - EP US); **B65H 75/2281** (2021.05 - EP US); **B65H 2701/5112** (2013.01 - EP); **B65H 2701/5114** (2013.01 - EP); **B65H 2701/534** (2013.01 - EP)

Cited by

GB2295375B; DE10025730C2; FR2850094A1; DE4202218A1; GB2295382A; GB2295382B; DE102005010710A1; DE102005010710B4; EP0780334A1; EP0631964A3; EP0918034A3; US7828242B2; US7588210B2; US7434761B2; US7614582B2; WO2004103873A1; WO2006094787A1; WO2006094789A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

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