

Title (en)

Device for pulling out a yarn end from a winding package

Title (de)

Vorrichtung zum Ausziehen des Garnendes aus einer Spule

Title (fr)

Dispositif de capture d'extrémité de fil d'une bobine

Publication

EP 1882663 B1 20091202 (EN)

Application

EP 07113160 A 20070726

Priority

JP 2006205685 A 20060728

Abstract (en)

[origin: EP1882663A2] The present invention provides a yarn end drawing device capable of reliably catching and drawing out a yarn end portion without cutting the yarn end portion. In the yarn end drawing device, a suctioning portion (73c), which includes a suction port (73a) and comb teeth (73h) projecting toward the interior of the suction port (73a), is positioned close to the circumferential surface of a wound yarn package, thereby suctioning a yarn end portion on the wound yarn package and hooking the yarn end portion on a comb tooth (73h) to catch and draw out the yarn end portion. The yarn end drawing device includes a yarn end regulating member (73f) for regulating the suctioned yarn end portion so as not to flutter while being bent at the tip of any comb tooth (73h), and the yarn end regulating member (73f) is arranged at the downstream side in the suction direction of the comb teeth (73h).

IPC 8 full level

B65H 67/08 (2006.01)

CPC (source: EP)

B65H 67/085 (2013.01); **B65H 2701/31** (2013.01)

Cited by

EP2213773A1; EP2574581A3; EP2302115A1; EP2468932A1; EP2574580A3

Designated contracting state (EPC)

DE IT

DOCDB simple family (publication)

EP 1882663 A2 20080130; EP 1882663 A3 20080402; EP 1882663 B1 20091202; CN 101112953 A 20080130; CN 101112953 B 20120125; DE 602007003524 D1 20100114; JP 2008030893 A 20080214; JP 4147432 B2 20080910

DOCDB simple family (application)

EP 07113160 A 20070726; CN 200710136810 A 20070717; DE 602007003524 T 20070726; JP 2006205685 A 20060728