

Title (en)
Yarn cutting apparatus

Title (de)
Garnschneidvorrichtung

Title (fr)
Appareil de découpe de fils

Publication
EP 2463221 B1 20140813 (EN)

Application
EP 11192558 A 20111208

Priority
JP 2010277344 A 20101213

Abstract (en)
[origin: EP2463221A2] A yarn cutting apparatus is provided that improves the workability of the yarn threading operation while securely cutting a plurality of yarns. A yarn cutting apparatus (50) is configured to cut a plurality of yarns Y and includes a yarn path regulating guide (51) configured to guide the plurality of yarns Y, a yarn shift guide (52) disposed further upstream than the yarn path regulating guide (51) so as to shift the yarns Y fed onto the yarn path regulating guide (51) to one direction, an aspirator (53) disposed further upstream than the yarn shift guide (52) so as to suck the yarns Y shifted by the yarn shift guide, and a cutter (54) disposed between the yarn shift guide (52) and the aspirator (53) so as to cut the yarns Y sucked by the aspirator (53).

IPC 8 full level
B65H 54/71 (2006.01); **B65H 54/88** (2006.01); **B65H 57/16** (2006.01); **B65H 57/28** (2006.01); **B65H 67/048** (2006.01)

CPC (source: EP)
B65H 54/71 (2013.01); **B65H 54/88** (2013.01); **B65H 57/16** (2013.01); **B65H 57/28** (2013.01); **B65H 2701/3132** (2013.01)

Cited by
WO2019081215A1; CN103820897A; CN111315673A; EP4269303A1; CN111876836A; EP4001192A1; DE102017009994A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2463221 A2 20120613; **EP 2463221 A3 20130123**; **EP 2463221 B1 20140813**; CN 102560711 A 20120711; CN 102560711 B 20160420; JP 2012127011 A 20120705; JP 5685432 B2 20150318

DOCDB simple family (application)
EP 11192558 A 20111208; CN 201110392487 A 20111201; JP 2010277344 A 20101213