

Title (en)  
YARN SUPPLYING BOBBIN FEEDING DEVICE

Title (de)  
FADENVERSORGUNGSSPULENZUFÜHRVORRICHTUNG

Title (fr)  
DISPOSITIF D'ALIMENTATION DE BOBINE D'ALIMENTATION DE FIL

Publication  
**EP 3686141 A1 20200729 (EN)**

Application  
**EP 20150553 A 20200107**

Priority  
JP 2019010950 A 20190125

Abstract (en)  
A yarn supplying bobbin feeding device (2) includes a yarn end cutting device (13) having a cutting member (32) capable of cutting yarn ends extending from yarn supplying bobbins (B). The yarn end cutting device (13) includes a suction member (31) having a suction vent (54) connected to a suction source (6) and that sucks the yarn ends by the action of a negative pressure supplied by the suction source (6) via the suction vent (54), a flexible hose (72) in which a communication path (76) that connects the suction vent (54) and the suction source (6) is formed, and an opening/closing member (80) capable of opening and closing at least one of the suction vent (54) and the communication path (76).

IPC 8 full level  
**B65H 67/06** (2006.01)

CPC (source: CN EP)  
**B65H 54/70** (2013.01 - CN); **B65H 67/061** (2013.01 - EP); **B65H 67/066** (2013.01 - CN); **D06H 7/00** (2013.01 - CN);  
**B65H 2701/31** (2013.01 - CN EP)

Citation (applicant)  
JP 2008230830 A 20081002 - MURATA MACHINERY LTD

Citation (search report)  
• [AP] EP 3461774 A1 20190403 - SAVIO MACCH TESSILI SPA [IT]  
• [AD] JP 2008230830 A 20081002 - MURATA MACHINERY LTD & EP 1972589 A2 20080924 - MURATA MACHINERY LTD [JP]  
• [A] US 3809213 A 19740507 - SAVIO L  
• [A] EP 3385206 A1 20181010 - MURATA MACHINERY LTD [JP]  
• [A] EP 3246279 A1 20171122 - MURATA MACHINERY LTD [JP]

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3686141 A1 20200729; EP 3686141 B1 20220413**; CN 111483883 A 20200804; CN 111483883 B 20221004; JP 2020117368 A 20200806

DOCDB simple family (application)  
**EP 20150553 A 20200107**; CN 202010055370 A 20200117; JP 2019010950 A 20190125