

Title (en)  
DOUBLE FOLDING DRAWFRAME

Title (de)  
DOPPELFALTUNGSSTRECKWERK

Title (fr)  
BANC D'ÉTIRAGE À DOUBLE PLIAGE

Publication  
**EP 2898127 A1 20150729 (DE)**

Application  
**EP 13771063 A 20130923**

Priority  
• DE 102012018772 A 20120924  
• EP 2013002849 W 20130923

Abstract (en)  
[origin: WO2014044404A1] The invention relates to a double folding drawframe comprising five roller pairs (WI/W1, WII/W2, WIII/W3, WIV/W4, WV/W5), wherein - a first (WI/W1), a second (WII/W2), a fourth (WIV/W4) and a fifth (WV/W5) roller pair have substantially the same alignment of the respective axes of the rollers (WI, W1, WII, W2, WIV, W4, WV, W5) and a third roller pair (WIII/W3), which is located between the second (WII/W2) and the fourth roller pair (WIV/W4), has an axis alignment that is aligned perpendicularly to the axis alignment of the other roller pairs (WI/W1, WII/W2, WIV/W4, WV/W5), - an apron is (RI, R1, RIII, R3) guided around each roller (WI, W1, WIII, W3) of the first and third roller pair (WIM/1, WIII/W3) and at least one of the reversing rails (WSI, WS1, WSIII, WS3) that are assigned to respective rollers (WI, W1, WIM, W3), and - an apron (RIV, R4) is guided around each roller (WIV, W4) of the fourth roller pair (WIV/W4) and around a reversing rail (WSIV-1, WS4-1 ) in front of and a reversing rail (WSIV-2, WS4-2) behind the respective roller (WIV, W4). The invention further relates to a spinning-knitting machine comprising at least two double folding drawframes.

IPC 8 full level  
**D01H 5/70** (2006.01); **D04B 9/14** (2006.01)

CPC (source: EP US)  
**D01H 5/70** (2013.01 - EP US); **D01H 5/82** (2013.01 - US); **D04B 9/14** (2013.01 - EP US)

Citation (search report)  
See references of WO 2014044404A1

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)  
**WO 2014044404 A1 20140327**; CN 104797752 A 20150722; CN 104797752 B 20171027; EP 2898127 A1 20150729; EP 2898127 B1 20160921; JP 2015532950 A 20151116; JP 6228983 B2 20171108; KR 102068380 B1 20200224; KR 20150080483 A 20150709; TW 201433666 A 20140901; TW I588309 B 20170621; US 2015292123 A1 20151015; US 9771671 B2 20170926

DOCDB simple family (application)  
**EP 2013002849 W 20130923**; CN 201380049769 A 20130923; EP 13771063 A 20130923; JP 2015532333 A 20130923; KR 20157006928 A 20130923; TW 102134264 A 20130924; US 201314646759 A 20130923