

Title (en)  
FANCY YARN PRODUCTION APPARATUS

Title (de)  
VORRICHTUNG ZUR HERSTELLUNG VON EFFEKTGARNEN

Title (fr)  
APPAREIL DE PRODUCTION DE FIL FANTAISIE

Publication  
**EP 3845692 A4 20210901 (EN)**

Application  
**EP 18931898 A 20180830**

Priority  
JP 2018032121 W 20180830

Abstract (en)  
[origin: EP3845692A1] A production device for a fancy yarn including a main yarn and a decorative yarn intermittently cut and tangled in the main yarn is provided with a confluence region to put the decorative yarn along the main yarn; a main feeding creel for feeding the main yarn to the confluence region; a jet nozzle for feeding the decorative yarn along with air flow to the confluence region; a cutter to intermittently cut the decorative yarn; and a twisting device to create a real twist or a false twist in the main yarn with the decorative yarn.

IPC 8 full level  
**D02G 3/34** (2006.01); **D02G 1/04** (2006.01)

CPC (source: EP KR)  
**D02G 1/04** (2013.01 - EP KR); **D02G 1/06** (2013.01 - EP); **D02G 1/16** (2013.01 - KR); **D02G 3/34** (2013.01 - EP KR); **D02H 1/00** (2013.01 - KR); **D02J 1/08** (2013.01 - EP)

Citation (search report)

- [XII] JP S6285042 A 19870418 - MITSUBISHI RAYON CO
- See references of WO 2020044493A1

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 3845692 A1 20210707**; **EP 3845692 A4 20210901**; CN 112639187 A 20210409; CN 112639187 B 20230707; JP 7127887 B2 20220830; JP WO2020044493 A1 20210810; KR 102504358 B1 20230228; KR 20210038668 A 20210407; WO 2020044493 A1 20200305

DOCDB simple family (application)  
**EP 18931898 A 20180830**; CN 201880096932 A 20180830; JP 2018032121 W 20180830; JP 2020539948 A 20180830; KR 20217006495 A 20180830