

Title (en)  
THREAD DRAW-OFF NOZZLE HAVING NOTCHES EXTENDING RADially TO THE NOZZLE BORE

Title (de)  
FADENABZUGSDÜSE MIT RADIAL ZUR DÜSENBOHRUNG VERLAUFENDEN KERBEN

Title (fr)  
BUSE DE SORTIE DE FIL À RAINURES S'ÉTENDANT RADIALEMENT AU TROU DE BUSE

Publication  
**EP 3371353 A1 20180912 (DE)**

Application  
**EP 16790971 A 20161102**

Priority  
• DE 102015119112 A 20151106  
• EP 2016076323 W 20161102

Abstract (en)  
[origin: WO2017076847A1] The invention relates to a thread draw-off nozzle (1) for an open-end rotor spinning device with an input-side nozzle trumpet (5) and an output-side nozzle bore (6) adjoining the nozzle trumpet (5) as well as notches arranged in the region of the nozzle trumpet (5) and particularly extending radially to the nozzle bore (6). The notches have an inlet wall (8) and a baffle wall (9) as well as an radially external notch inlet (10) and a radially internal notch outlet (11). A flat, preferably planar, notch bottom (12) is arranged between the inlet wall (8) and the baffle wall (9).

IPC 8 full level  
**D01H 4/40** (2006.01)

CPC (source: EP US)  
**D01H 4/10** (2013.01 - US); **D01H 4/40** (2013.01 - EP US)

Citation (search report)  
See references of WO 2017076847A1

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 2017076847 A1 20170511**; CN 108350612 A 20180731; CN 108350612 B 20210910; DE 102015119112 A1 20170511; EP 3371353 A1 20180912; EP 3371353 B1 20200415; US 10767284 B2 20200908; US 2018320292 A1 20181108

DOCDB simple family (application)  
**EP 2016076323 W 20161102**; CN 201680064807 A 20161102; DE 102015119112 A 20151106; EP 16790971 A 20161102; US 201615773574 A 20161102