

Title (en)
MELT SPINNING DEVICE

Title (de)
SCHMELZSPINNVORRICHTUNG

Title (fr)
DISPOSITIF DE FILAGE À CHAUD

Publication
EP 3147392 B1 20180912 (EN)

Application
EP 16188502 A 20160913

Priority
JP 2015183344 A 20150916

Abstract (en)
[origin: EP3147392A1] A melt spinning device in which the aperture area between a spinneret and a cooler is adjustable by a simple operation is provided. A melt spinning device includes a spinning unit 2 to which a spinning pack 12 having a spinneret 13 is attached, and a cooling cylinder 21 provided below the spinning unit 2 to cool a yarn Y (filaments f) spun out from the spinneret 13. The melt spinning device further includes an exhaust ring 16 provided between the spinning unit 2 and the cooling cylinder 21 and in which openings 16a are formed at intervals in the circumferential direction, and an adjustment ring 26 attached to be movable relative to the exhaust ring 16 and adjusting the aperture area of each of the openings 16a.

IPC 8 full level
D01D 5/088 (2006.01)

CPC (source: CN EP)
D01D 5/088 (2013.01 - EP); **D01D 5/092** (2013.01 - CN); **D01D 11/00** (2013.01 - EP)

Cited by
CN114045564A; EP4345198A1; EP3730678A1; CN111826729A; EP4063542A3

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 3147392 A1 20170329; EP 3147392 B1 20180912; CN 106544742 A 20170329; CN 106544742 B 20200804; JP 2017057521 A 20170323; JP 6600205 B2 20191030

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EP 16188502 A 20160913; CN 201610805633 A 20160906; JP 2015183344 A 20150916