Title (en)
FIBER BUNDLE FEED STOPPING DEVICE FOR SPINNING FRAME

Title (de)
FASERBÜNDELZUFÜHRSTOPPVORRICHTUNG FÜR SPINNRAHMEN

Title (fr)
DISPOSITIF D'ARRÊT D'ALIMENTATION DE FAISCEAU DE FIBRES POUR MÉTIER À FILER

Publication
EP 3115488 A1 20170111 (EN)

Application
EP 16175182 A 20160620

Priority
JP 2015136913 A 20150708

Abstract (en)
A fiber bundle feed stopping device for a spinning frame. The fiber bundle feed stopping device includes a stopping member provided with a wedge. The wedge is forced between a back top roller and a back bottom roller of a drafting device to block transmission of rotation from the back bottom roller to the back top roller and clamp a fiber bundle, which is fed to the drafting device, with the back top roller. The stopping member includes a combing portion located upstream of where the back top roller and the wedge clamp the fiber bundle. The combing portion untwists the fiber bundle.

IPC 8 full level
D01H 13/18 (2006.01)

CPC (source: CN EP)
D01H 13/18 (2013.01 - CN); D01H 13/185 (2013.01 - EP); D01H 13/188 (2013.01 - EP)

Citation (applicant)
JP S57133224 A 19820817 - SKF KUGELLAGERFABRIKEN GMBH

Citation (search report)
- [XY] US 4538328 A 19850903 - STAHLECKER GERD [DE]
- [Y] US 4432195 A 19840221 - STAHLECKER GERD [DE]
- [Y] US 1103329 A 19140714 - VALES EDWARD J [US]
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Cited by
CN110344144A; EP3696302A1; CN113227475A; WO2020165143A1

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)
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DOCDB simple family (application)
EP 16175182 A 20160620; CN 201610520329 A 20160705; ES 16175182 T 20160620; JP 2015136913 A 20150708