

Title (en)
A system for finish application

Title (de)
System zur Anwendung von Appretur

Title (fr)
Système pour l'application d'apprêt

Publication
EP 2474652 A1 20120711 (EN)

Application
EP 12150175 A 20120104

Priority
TR 201100090 A 20110105

Abstract (en)
The present invention relates to a finish application system (10) which enables homogenous dispersion by the finish being applied on the fiber differently. With the invention, finish loss during drying is prevented, a finish application is realized which creates the same effect with the known systems by using less finish, enables energy saving, has low first capital cost, is easy to be activated in first operation and after the system being stopped, enables less labor and effort to be spent.

IPC 8 full level
D01D 5/096 (2006.01); **B05C 1/08** (2006.01); **B05C 11/10** (2006.01); **B65H 71/00** (2006.01); **D01D 10/04** (2006.01); **D06B 1/14** (2006.01)

CPC (source: EP)
B05C 1/0813 (2013.01); **D01D 5/096** (2013.01); **D01D 10/0436** (2013.01); **D06B 1/144** (2013.01)

Citation (applicant)
• KR 20070094812 A 20070921 - 3M INNOVATIVE PROPERTIES CO [US]
• WO 2008059603 A1 20080522 - SUMITOMO BAKELITE CO [JP], et al

Citation (search report)
• [I] US 3811834 A 19740521 - SCHWEMMER M, et al
• [I] DE 4205515 A1 19930826 - CHIMITEX CELLCHEMIE GMBH [DE]
• [I] GB 1002570 A 19650825 - HOECHST AG [DE]
• [A] DE 3142701 A1 19830505 - FLEISSNER MASCHF GMBH CO [DE]

Cited by
CN107326456A; CN114232114A; CN109019174A; CN113909049A; CN106222766A; CN106480523A

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 2474652 A1 20120711; **EP 2474652 B1 20171025**; PT 2474652 T 20180119; TR 201100090 A2 20120723

DOCDB simple family (application)
EP 12150175 A 20120104; PT 12150175 T 20120104; TR 201100090 A 20110105