

Title (en)
YANKEE DRYER CYLINDER OPERATING WITHOUT STEAM

Title (de)
YANKEE-TROCKENZYLINDER MIT DAMPFLOSEM BETRIEB

Title (fr)
CYLINDRE SÉCHEUR YANKEE FONCTIONNANT SANS VAPEUR

Publication
EP 3405612 A1 20181128 (EN)

Application
EP 17707658 A 20170110

Priority
• IT UB20160329 A 20160122
• IB 2017050105 W 20170110

Abstract (en)
[origin: WO2017125829A1] A Yankee dryer cylinder (1) comprising a fixed hollow shaft (20) provided with an inlet mouth (23) through which a flow of hot air (100) is fed into the cavity (21), and an outlet mouth (24) through which the flow of hot air (100) exits the dryer cylinder (1). The Yankee dryer cylinder (1) provides, furthermore, a cylindrical shell (10) having an internal surface (11) and rotatably mounted about the fixed hollow shaft (20). Into the cavity (21) a partition wall (25) is provided which divides the fixed hollow shaft (20) in a feeding portion (21a) and in a discharging portion (21b).

IPC 8 full level
D21F 5/02 (2006.01); **D21F 5/18** (2006.01)

CPC (source: EP US)
D21F 5/021 (2013.01 - EP US); **D21F 5/022** (2013.01 - EP US); **D21F 5/181** (2013.01 - EP US)

Citation (search report)
See references of WO 2017125829A1

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 2017125829 A1 20170727; BR 112018014780 A2 20181211; CN 108603337 A 20180928; EP 3405612 A1 20181128;
EP 3405612 B1 20200311; IT UB20160329 A1 20170722; JP 2019508657 A 20190328; PL 3405612 T3 20200921; US 2019024314 A1 20190124

DOCDB simple family (application)
IB 2017050105 W 20170110; BR 112018014780 A 20170110; CN 201780006841 A 20170110; EP 17707658 A 20170110;
IT UB20160329 A 20160122; JP 2018538222 A 20170110; PL 17707658 T 20170110; US 201716070709 A 20170110