

Title (en)
YARN CLEANER

Title (de)
GARNREINIGER

Title (fr)
NETTOYEUR DE FILE

Publication
EP 1685054 A1 20060802 (DE)

Application
EP 04765945 A 20041013

Priority
• EP 2004011451 W 20041013
• DE 10352429 A 20031110

Abstract (en)
[origin: WO2005047155A1] The yarn cleaner (5) is designed for cleaning out defects from an effect yarn (1), which is formed from an alternating stringing together of webs and of effects comprised of given thickenings. The yarn cleaner has a measuring head (6) in which at least one yarn parameter is measured, whereby cleaning limits are determined for the yarn parameter, and the presence of a defect in the yarn is signaled when these limits are surpassed. The measured values of the yarn parameter are compared with the cleaning limits and intolerable defects are cut out from the yarn. The cleaning limits are each dependent on whether the values are measured in the web or in the effect. The yarn cleaner (5) is suited for keeping the desired diameter quality of effect yarn on winding and spinning winding machines.

IPC 8 full level
B65H 63/06 (2006.01)

CPC (source: EP US)
B65H 63/062 (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)
See references of WO 2005047155A1

Designated contracting state (EPC)
BE CH CZ DE IT LI

DOCDB simple family (publication)
WO 2005047155 A1 20050526; CN 100415622 C 20080903; CN 1867508 A 20061122; DE 10352429 A1 20050623;
DE 502004007304 D1 20080710; EP 1685054 A1 20060802; EP 1685054 B1 20080528; US 2007119144 A1 20070531;
US 7424800 B2 20080916

DOCDB simple family (application)
EP 2004011451 W 20041013; CN 200480029866 A 20041013; DE 10352429 A 20031110; DE 502004007304 T 20041013;
EP 04765945 A 20041013; US 57801404 A 20041013