

Title (en)
METHOD OF PRODUCING A DYED PAPER

Title (de)
VERFAHREN ZUR HESTELLUNG EINES GEFÄRBTEN PAPIERS

Title (fr)
PROCÉDÉ DE FABRICATION D'UN PAPIER TEINTÉ

Publication
EP 4290007 A1 20231213 (EN)

Application
EP 22188829 A 20220804

Priority
IT 202200012278 A 20220609

Abstract (en)
A method for producing a mass dyed paper material by using food dyes comprises the following steps: adding a first fixing agent to a cellulose mixture being stirred; waiting for a first period of time; adding at least one food dye to the cellulose mixture being stirred; waiting for a second period of time; adding a second fixing agent to the cellulose mixture being stirred; waiting for a third period of time; obtaining a dyed cellulose mixture; using the so obtained dyed cellulose mixture to form a sheet of mass dyed paper material. The aforesaid food dye is a solid food dye that is added as it is, or a solid food dye that is dissolved in a liquid formulation, or a solid food dye that is contained in a lacquer.

IPC 8 full level
D21H 17/44 (2006.01); **D21H 17/52** (2006.01); **D21H 17/56** (2006.01); **D21H 17/66** (2006.01); **D21H 21/28** (2006.01)

CPC (source: EP)
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Citation (search report)
• [A] WO 2008096223 A1 20080814 - LECCE PEN COMPANY SPA [IT], et al
• [A] EP 2267206 A1 20101229 - BUCKEYE TECHNOLOGIES INC [US]
• [A] US 2021002827 A1 20210107 - LUO YUPING [US], et al
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• [A] JP 2011021283 A 20110203 - DAIO SEISHI KK
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Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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