

Title (en)

A method of and an installation for processing a web of material, while applying the flow-through principle.

Title (de)

Verfahren und Vorrichtung zum Behandeln von Flächengebilden gemäss dem Durchdringprinzip.

Title (fr)

Procédé et installation permettant de traiter une bande de matière en la faisant traverser par le liquide de traitement.

Publication

EP 0050901 A1 19820505 (EN)

Application

EP 81201170 A 19811022

Priority

NL 8005879 A 19801024

Abstract (en)

A method of processing a web (2) by bringing said web into contact with at least one porous cylinder (1, 4, 6) having a mesh value of at least 100, a process fluid under pressure being passed through said porous cylinder with such a speed that the pressure drop of said fluid in the porous cylinder is five times greater than the pressure drop across the web. An installation for processing a web thereby applying this method, comprises means for the relative movement of a web (2) along the outer surface of at least one porous cylinder (1, 4, 6) and means for feeding a pressurized process fluid through said cylinder and said web in the contacting zone between these two.

IPC 1-7

D06B 1/08; **D06B 1/16**

IPC 8 full level

B41F 15/08 (2006.01); **D06B 1/08** (2006.01); **D06B 1/16** (2006.01); **D06B 5/08** (2006.01); **D06B 15/09** (2006.01); **F26B 13/00** (2006.01); **F26B 13/10** (2006.01)

CPC (source: EP)

D06B 1/08 (2013.01); **D06B 1/16** (2013.01)

Citation (search report)

- [X] FR 2354824 A1 19780113 - HOLZTECH FORSCH [DD]
- [X] US 4137045 A 19790130 - BRUGMAN HANS
- FR 2255961 A1 19750725 - HOECHST AG [DE]
- FR 2298635 A2 19760820 - HOECHST AG [DE]
- US 3865078 A 19750211 - DE HOWITT JACK RENATO, et al
- DE 2015787 A1 19711104
- GB 760394 A 19561031 - WOOL IND RES ASSOCIATION
- FR 2377470 A1 19780811 - RIMAR MECCANICA SPA [IT]
- FR 2348302 A1 19771110 - TISSMETAL LIONEL DUPONT [FR]

Cited by

EP0278011A1; EP0080177A3; US4534308A

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0050901 A1 19820505; BR 8106862 A 19820706; DK 468881 A 19820425; ES 506512 A0 19830416; ES 8305866 A1 19830416; JP S57101060 A 19820623; NL 8005879 A 19820517

DOCDB simple family (application)

EP 81201170 A 19811022; BR 8106862 A 19811023; DK 468881 A 19811023; ES 506512 A 19811023; JP 17063781 A 19811024; NL 8005879 A 19801024