

Title (en)

MICROWAVE PRE-TREATMENT OF LOGS FOR USE IN MAKING PAPER AND OTHER WOOD PRODUCTS

Title (de)

MIKROWELLENVORBEHANDLUNG VON BAUMSTÄMMEN ZUR HERSTELLUNG VON PAPIER UND HOLZWERKSTOFFEN

Title (fr)

PRE-TRAITEMENT AUX MICRO-ONDES DE RONDINS UTILISES DANS LA FABRICATION DU PAPIER ET D'AUTRES PRODUITS EN BOIS

Publication

EP 1448846 A4 20060621 (EN)

Application

EP 02791239 A 20021112

Priority

- US 0236443 W 20021112
- US 34781801 P 20011109

Abstract (en)

[origin: WO03040462A1] A method of producing pulp for use in making paper products using microwave radiation to pretreat the source of pulp prior to further processing. Practising the method of the invention results in substantial energy savings while decreasing environmental impact and improving paper qualities.

IPC 1-7

D21C 3/00; **D21C 3/20**; **D21C 5/00**; **D21H 11/20**; **D21H 25/02**

IPC 8 full level

D21B 1/02 (2006.01); **D21C 1/10** (2006.01); **D21C 5/00** (2006.01); **D21C 1/00** (2006.01); **D21H 11/08** (2006.01)

CPC (source: EP US)

D21B 1/02 (2013.01 - EP US); **D21B 1/021** (2013.01 - EP US); **D21C 1/10** (2013.01 - EP US); **D21C 5/005** (2013.01 - EP US); **D21C 1/00** (2013.01 - EP US); **D21H 11/08** (2013.01 - EP US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 03040462A1

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