

Title (en)
PAPERMAKING REFINER PLATES AND METHOD OF MANUFACTURE

Title (de)
REFINERPLATTEN FÜR DIE PAPIERHERSTELLUNG UND HERSTELLUNGSVERFAHREN

Title (fr)
PLAQUES DE RAFFINEUR DE PATE A PAPIER ET PROCEDE DE FABRICATION ASSOCIE

Publication
EP 1148971 A4 20040512 (EN)

Application
EP 98940920 A 19980817

Priority
US 9816974 W 19980817

Abstract (en)
[origin: WO0009288A1] Replaceable refiner fillings (10) used for refining of lignocellulosic and other natural and synthetic fibrous materials in the manufacture of paper, paperboard, and other fiberboard products. The refiner fillings (10) include a pattern of blades (14) and spacers (16) defined by a bar cluster (24), with the bar cluster being the basis of formation of the filling (10). A method of manufacture provides bar cluster patterns based on factors including pumpng angle, plurality of segments in a refiner filling (10), and the number of clusters in a segment. A bar set cluster is established for uniform fabrication of bar clusters (24) for the refiner fillings (10).

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Citation (search report)

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- [XA] US 4712745 A 19871215 - LEITH WILLIAM C [CA]
- [XA] US 5740972 A 19980421 - MATTHEW JOHN B [US]
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- [A] US 5244159 A 19930914 - NEWNAN BRIAN D [US]
- See references of WO 0009288A1

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