

Title (en)
Process for manufacturing wet laid fibrous structures comprising substantially non swellable particles added to the slurry

Title (de)
Nassverfahren zur Herstellung fasriger Strukturen mit zur Suspension beigefügten nichtquellenden Partikeln

Title (fr)
Procédé pour la fabrication des structures fibreuses obtenues par voie humide comportant des particules non-gonflables ajoutées à la suspension

Publication
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Application
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Priority
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Abstract (en)
A process for manufacturing fibrous structures comprising a wet laid fibre web comprising substantially water insoluble, substantially non water swellable particles that are added directly to the slurry. A fibrous structure according to this method is also described. <IMAGE>

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D04H 1/54; **D04H 1/64**

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CPC (source: EP KR)
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Citation (search report)

- [X] US 5582644 A 19961210 - GADDIS PAUL [US], et al
- [DA] EP 0528248 A1 19930224 - KIMBERLY CLARK CO [US]
- [A] US 5300192 A 19940405 - HANSEN MICHAEL R [US], et al
- [E] US 5688370 A 19971118 - HAGEN DONALD F [US], et al

Cited by
US7635411B2; US8021583B2

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DOCDB simple family (application)
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