

Title (en)

Textile web for use as an inner layer of a mould for concrete

Title (de)

Textiles Flächengebilde zur Verwendung als Betonformzwischenlage

Title (fr)

Etoffe textile pour une couche interne d'un moule pour béton

Publication

EP 0812943 A3 20001018 (DE)

Application

EP 97108682 A 19970530

Priority

DE 19623584 A 19960613

Abstract (en)

[origin: EP0812943A2] Concrete mould lining, containing nonwoven fabric made of fibres with a titre of 0.7-3 (preferably 1-2.5, more preferably 1-2) dtex, with a maximum tensile strength (measured on a strip 5 cm wide) of at least 300 (preferably at least 400, more preferably at least 500) N in the longitudinal direction and at least 250 (preferably at least 300, more preferably at least 350) N in the transverse direction, and a surface quality corresponding to a pore size of 1-80 (preferably 5-60) microns. Also claimed is (i) a process for the production of this lining by (a) making non-woven fabric from fibres as above and (b) compacting the fabric on a calender to obtain the required strength and surface quality; (ii) concrete moulds containing this fabric, for the production of patterned or smooth concrete surfaces.

IPC 1-7

D04H 3/16; **D04H 1/54**; **E04G 9/10**; **D04H 3/14**

IPC 8 full level

D04H 1/54 (2012.01); **D04H 1/544** (2012.01); **D04H 1/549** (2012.01); **D04H 1/55** (2012.01); **D04H 3/007** (2012.01); **D04H 3/009** (2012.01); **D04H 3/011** (2012.01); **D04H 3/14** (2012.01); **D06N 7/04** (2006.01); **E04G 9/10** (2006.01)

CPC (source: EP US)

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Citation (search report)

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- [A] EP 0429752 A1 19910605 - DU PONT [US]
- [A] US 4482603 A 19841113 - YOSHIDA TSUGUSHI [JP], et al

Cited by

EP0945563A1; DE19812517C2

Designated contracting state (EPC)

CH DE DK FR IT LI LU NL SE

DOCDB simple family (publication)

EP 0812943 A2 19971217; **EP 0812943 A3 20001018**; DE 19623584 A1 19971218; DE 19623584 B4 20041014; TR 199700491 A2 19980121; US 5820775 A 19981013

DOCDB simple family (application)

EP 97108682 A 19970530; DE 19623584 A 19960613; TR 9700491 A 19970611; US 87373297 A 19970612