

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)

- [A] US 5124102 A 19920623 - SERAFINI FRANCO L [LU]
- [A] EP 0429752 A1 19910605 - DU PONT [US]
- [A] US 4482603 A 19841113 - YOSHIDA TSUGUSHI [JP], et al

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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