

Title (en)

METHOD FOR MAKING A NEEDED FELT FROM SLAG WOOL

Publication

EP 0363707 B1 19930804 (DE)

Application

EP 89117542 A 19890922

Priority

DE 3835007 A 19881013

Abstract (en)

[origin: EP0363707A2] By the combination of two measures, namely the use of slag-wool fibres of an especially small average fibre thickness and the addition of a reviving agent of unusually high viscosity, it becomes possible to needle a slag-wool felt, without the addition of any other fibres, to form a needled felt of high strength and good flexibility. When the needled felt is subsequently made stress-free by heat treatment and at the same time the reviving agent is also expelled, the needled felt is obtained as a pure slag-wool needled felt without any organic additives.

IPC 1-7

D04H 1/46

IPC 8 full level

C04B 14/46 (2006.01); **C04B 20/04** (2006.01); **D04H 1/4209** (2012.01); **D04H 1/46** (2006.01)

CPC (source: EP US)

D04H 1/4209 (2013.01 - EP US); **D04H 1/46** (2013.01 - EP US)

Cited by

EP0819788A3; EP0464400A1; US5213735A; AT394216B; WO9315246A1; DE102022126757A1; WO2024078997A1; EP3208246A1; DE102016202401A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0363707 A2 19900418; **EP 0363707 A3 19900905**; **EP 0363707 B1 19930804**; AT E92548 T1 19930815; DE 3835007 A1 19900419; DE 58905136 D1 19930909; DK 465389 A 19900414; DK 465389 D0 19890921; ES 2044004 T3 19940101; FI 894871 A0 19891013; FI 94966 B 19950815; JP H02153852 A 19900613; US 5057173 A 19911015; YU 184689 A 19901231; YU 46492 B 19931020; ZA 897769 B 19900829

DOCDB simple family (application)

EP 89117542 A 19890922; AT 89117542 T 19890922; DE 3835007 A 19881013; DE 58905136 T 19890922; DK 465389 A 19890921; ES 89117542 T 19890922; FI 894871 A 19891013; JP 26413089 A 19891012; US 41622889 A 19890926; YU 184689 A 19890925; ZA 897769 A 19891013