Title (en)

PROCESS AND DEVICE FOR IMPROVING FIBRE MAT FORMATION CONDITIONS

Publication

EP 0072301 B1 19850724 (FR)

Application

EP 82401429 A 19820730

Priority

FR 8115283 A 19810806

Abstract (en)

[origin: ES8305072A1] Fiber mats formed by attenuating molten streams of attenuable mineral material by subjecting the streams to the action of a hot attenuating gas blast. The gas blast induces gas from the surrounding atmosphere, and the combined blast and induced gas forming a fiber-carrying current. The current is directed toward a preforated fiber-collecting conveyor on which the fibers are deposited in the form of a mat and the gas of the current passes through the conveyor. Provision is made for withdrawing a peripheral portion of the fiber-carrying current at a point intermediate the zone of attenuation and the perforated fiber-collecting conveyor.

IPC 1-7

D04H 1/00; D04H 1/72

IPC 8 full level

D01G 25/00 (2006.01); **D04H 1/00** (2006.01); **D04H 1/4218** (2012.01); **D04H 1/4226** (2012.01); **D04H 1/72** (2012.01); **D04H 1/732** (2012.01); **D04H 1/736** (2012.01)

CPC (source: EP KR US)

D04H 1/00 (2013.01 - EP KR US); **D04H 1/4218** (2013.01 - EP US); **D04H 1/4226** (2013.01 - EP US); **D04H 1/72** (2013.01 - EP US); **D04H 1/732** (2013.01 - EP US); **D04H 1/736** (2013.01 - EP US)

Cited by

FR2559793A1; US4744810A; GB2139258A

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0072301 A1 19830216; **EP 0072301 B1 19850724**; AR 228406 A1 19830228; AT E14460 T1 19850815; AU 8653182 A 19830210; BR 8204604 A 19830726; CA 1192013 A 19850820; DE 3264903 D1 19850829; DK 339082 A 19830207; ES 514745 A0 19830416; ES 8305072 A1 19830416; FI 822724 A0 19820805; FI 822724 L 19830207; FR 2511051 A1 19830211; FR 2511051 B1 19840323; GR 77263 B 19840911; IE 53073 B1 19880525; IE 821890 L 19830206; IN 156642 B 19850928; JP S5876563 A 19830509; KR 840001285 A 19840430; KR 880000382 B1 19880320; MX 156459 A 19880824; NO 822684 L 19830207; NZ 201270 A 19860124; PT 75378 A 19820901; PT 75378 B 19850103; TR 21349 A 19840301; US 4744810 A 19880517; ZA 825369 B 19830525

DOCDB simple family (application)

EP 82401429 A 19820730; AR 29019382 A 19820803; AT 82401429 T 19820730; AU 8653182 A 19820728; BR 8204604 A 19820805; CA 408928 A 19820806; DE 3264903 T 19820730; DK 339082 A 19820729; ES 514745 A 19820805; FI 822724 A 19820805; FR 8115283 A 19810806; GR 820168965 A 19820805; IE 189082 A 19820805; IN 942CA1982 A 19820810; JP 13642282 A 19820806; KR 820003519 A 19820805; MX 19391082 A 19820803; NO 822684 A 19820805; NZ 20127082 A 19820714; PT 7537882 A 19820804; TR 2134982 A 19820804; US 84647586 A 19860331; ZA 825369 A 19820727