

Title (en)
Feeding chute

Title (de)
Speiseschacht

Title (fr)
Conduit d'alimentation

Publication
EP 2119817 B1 20190102 (DE)

Application
EP 09160196 A 20090514

Priority
DE 102008023692 A 20080515

Abstract (en)
[origin: EP2119817A2] Fibers are fed into a shaft (13) from the feed unit (1) where they reach the roller (14) extracting them as a mat. In the new design, a fraction of the fibers is returned to the fiber source from the shaft. They are then blown back to the shaft by the fan (5), without having to pass through an opening. Air passing through sieve surfaces is combined with the returned air and fibers. The surplus quantity of fibers supplied, is measured (9) in the channel.

IPC 8 full level
D01G 15/40 (2006.01); **D01G 23/02** (2006.01); **D01G 23/08** (2006.01)

CPC (source: EP)
D01G 15/40 (2013.01); **D01G 23/02** (2013.01); **D01G 23/08** (2013.01)

Citation (examination)

- DE 1234598 B 19670216 - T M M RES LTD HARTFORD WORKS
- US 3145426 A 19640825 - KENJI HIJIYA, et al
- JP S4813173 B1 19730425
- SU 1265223 A1 19861023 - IVANOVSK ZNAK POCHETA ENERGI [SU], et al
- JP S49108910 U 19740918

Cited by
US11649568B2; EP3699334A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2119817 A2 20091118; EP 2119817 A3 20110518; EP 2119817 B1 20190102; CN 101619511 A 20100106; DE 102008023692 A1 20091119; ES 2717617 T3 20190624; TR 201904452 T4 20190521

DOCDB simple family (application)
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