

Title (en)
Method and apparatus for drying of fuel

Title (de)
Verfahren und Vorrichtung zur Trockung von Brennstoff

Title (fr)
Procédé et dispositif pour le séchage du combustible

Publication
EP 1655565 A1 20060510 (EN)

Application
EP 05397019 A 20051104

Priority
FI 20045423 A 20041105

Abstract (en)
Method and apparatus for drying of fuel, in which a moving fuel bed (FB) is formed on a conveyor (12), to which fuel bed (FB) a hot, gaseous medium is fed perpendicularly to the travel direction of the fuel bed (FB). The fuel is heated before forming the fuel bed (FB), while the fuel is flowing substantially downward, by means of a hot gaseous medium flow perpendicular to the fuel flow.

IPC 8 full level
F26B 17/04 (2006.01); **C02F 11/12** (2006.01); **F26B 17/02** (2006.01); **F26B 17/14** (2006.01); **C02F 103/28** (2006.01)

IPC 8 main group level
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CPC (source: EP US)
F26B 17/02 (2013.01 - EP US); **F26B 17/04** (2013.01 - EP US); **F26B 17/1408** (2013.01 - EP US)

Citation (applicant)

- US 6163981 A 20001226 - NILSSON BENGT [US]
- US 4888885 A 19891226 - CAUGHEY ROBERT A [US]
- FI 83181 B 19910228 - RAUMA REPOLA OY [FI]
- US 5134929 A 19920804 - JONKKA ARVO [FI], et al
- US 109103 A 18701108
- EP 1140445 A1 20011010 - METSO WOODHANDLING OY AB [FI]

Citation (search report)

- [Y] US 4635379 A 19870113 - KRONELD ERIK G [SE]
- [Y] US 1568738 A 19260105 - DOLAND JONES MICHAEL
- [A] CH 267638 A 19500415 - KOCH HERMANN [DE]
- [A] US 4756092 A 19880712 - ANDERSON CHARLES M [US], et al
- [AD] US 4888885 A 19891226 - CAUGHEY ROBERT A [US]

Cited by
CN107617628A; CN107626721A

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