

Title (en)
DRYER FOR CEREALS

Publication
EP 0006825 A3 19800123

Application
EP 79810048 A 19790607

Priority
CH 734078 A 19780705

Abstract (en)
[origin: EP0006825A2] The dryer comprises a vertical elongate open-ended enclosure (1). A combustion chamber (5) provides hot combustion gases which divide into two flows: one passes through a serpentine (12) lining an upper section of the enclosure and the other passes through a radiator (8) which heats a current of air before the latter passes through the enclosure horizontally by passing through openings (17A and 17) of the enclosure. The enclosure is also passed through horizontally by a current of cold air which passes through openings (18A and 18) below the current of hot air. The cereal grains pass through the enclosure vertically from top to bottom under the effect of gravity. They are dried with good thermal efficiency and without coming into contact with the combustion gases. <IMAGE>

IPC 1-7
F26B 17/12

IPC 8 full level
F26B 17/16 (2006.01)

CPC (source: EP)
F26B 17/16 (2013.01)

Citation (search report)
• GB 191404589 A 19150211 - SAMUELSON ERNEST, et al
• FR 25343 E 19230124
• US 1488903 A 19240401 - RAGLAND BIRCH JAMES
• US 1707930 A 19290402 - ABEL BENNETT CHARLES
• FR 1003024 A 19520313
• GB 500734 A 19390215 - ANDREAS GERASIMOU FIORATOS

Cited by
CN109539760A; CN106196997A; US8132337B1; CN106839750A

Designated contracting state (EPC)
AT BE DE FR GB IT LU NL SE

DOCDB simple family (publication)
EP 0006825 A2 19800109; EP 0006825 A3 19800123; CH 615270 A5 19800115

DOCDB simple family (application)
EP 79810048 A 19790607; CH 734078 A 19780705