

Title (en)
IMPROVEMENTS IN AND RELATING TO GRAIN DRYERS

Publication
EP 0072639 A3 19841017 (EN)

Application
EP 82304037 A 19820730

Priority
GB 8125170 A 19810818

Abstract (en)
[origin: EP0072639A2] A concurrent flow grain dryer of the type in which drying air passes through a drying column or tower in the same direction as grain falling down the column or tower the air being extracted through one or more ducts extending horizontally across the column or tower the ducts being open bottomed troughs having a closed top and sides extending downwards from the top wherein the boundary of the effective lower edge of each side of a duct is longer than the horizontal length of the duct. The fact that the boundary edge is longer than the length slows down the air as it passes down and subsequently around the effective lower edge up into the duct so as to reduce the possibility of grain being carried into the duct by the air.

IPC 1-7
F26B 17/12

IPC 8 full level
F26B 17/14 (2006.01)

CPC (source: EP)
F26B 17/1416 (2013.01)

Citation (search report)
• [A] DE 1012261 B 19570711 - JOHN BROCKBANK CARR, et al
• [A] US 3302297 A 19670207 - GRAHAM DOUGLAS L
• [A] DE 142446 C 19030710
• [A] FR 1160101 A 19580708 - LINDE KVARNMASKINER AB
• [A] DE 2906358 A1 19800821 - GOLDSAAT FRITZ DOERING GMBH &
• [A] GB 1547986 A 19790704 - BENTALL & CO LTD E H

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0072639 A2 19830223; EP 0072639 A3 19841017; DK 368282 A 19830219; GB 2106229 A 19830407; GB 2106229 B 19841128; GR 76253 B 19840804

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EP 82304037 A 19820730; DK 368282 A 19820817; GB 8222014 A 19820730; GR 820169037 A 19820813