

Title (en)

Sealing device for machines for thermal treatment of yarns

Title (de)

Dichtungsvorrichtung für Maschinen zur Wärmebehandlung von Garnen

Title (fr)

Tête d'étanchéité pour machines de traitement thermique de fil

Publication

EP 1762646 A3 20080827 (FR)

Application

EP 06360037 A 20060810

Priority

FR 0509341 A 20050913

Abstract (en)

[origin: EP1762646A2] The seal head for a thermal treatment machine consists of a frame (1) fixed to a pressure chamber traversed by a conveyor belt that passes between two horizontal pressing rollers (2, 3) enclosed by sealed supports (4, 5). It is fitted with an integrated pressure or capillary lubrication system (4', 5') formed by porous elements and distributors (4'', 5''). It also has lubricating fluid recovery and drainage systems (6, 7) on the cylindrical surfaces of the rollers and at their ends.

IPC 8 full level

D06B 23/18 (2006.01)

CPC (source: EP US)

D06B 23/18 (2013.01 - EP US); **D06B 23/16** (2013.01 - EP)

Citation (search report)

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- [DYA] US 3367151 A 19680206 - SEITARO FUJIHASHI
- [DA] US 4186571 A 19800205 - GORODISSKY LEONID G [SU], et al
- [A] US 4214758 A 19800729 - GORODISSKY LEONID G [SU], et al
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US2019292703A1; US10829871B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1762646 A2 20070314; EP 1762646 A3 20080827; EP 1762646 B1 20111109; AT E532894 T1 20111115; CN 1932121 A 20070321; CN 1932121 B 20111105; FR 2890663 A1 20070316; FR 2890663 B1 20100305; US 2007056690 A1 20070315; US 7735343 B2 20100615

DOCDB simple family (application)

EP 06360037 A 20060810; AT 06360037 T 20060810; CN 200610151571 A 20060913; FR 0509341 A 20050913; US 51494606 A 20060905