

Title (en)

Process and device for the continuous mercerizing of textile yarns

Title (de)

Verfahren und Vorrichtung zur kontinuierlichen Merzerisierung von Textilgarnen

Title (fr)

Procédé et dispositif pour le mercerisage en continu des fils textiles

Publication

**EP 1369521 A3 20050323 (EN)**

Application

**EP 03076705 A 20030602**

Priority

IT MI20021220 A 20020605

Abstract (en)

[origin: EP1369521A2] Continuous process for the mercerizing of yarns effected on the yarn (1) in the form of a bundle (4), introduced into one or more tubular reactors (15) with an ejection nozzle (16) fed as driving fluid under pressure with the mercerizing solution and then drawn continuously through one or more drawing units. <IMAGE>

IPC 1-7

**D06B 3/04**; **D06B 7/04**

IPC 8 full level

**F04D 27/00** (2006.01); **D06B 3/04** (2006.01); **D07B 7/04** (2006.01); **F04D 29/08** (2006.01); **F16J 15/40** (2006.01)

CPC (source: EP US)

**D06B 3/04** (2013.01 - EP US); **D06B 7/04** (2013.01 - EP US); **D07B 7/04** (2013.01 - EP US)

Citation (search report)

- [Y] US 2131409 A 19380927 - ALFREDO NAI
- [Y] DE 4218551 A1 19931223 - JASPER GMBH & CO JOSEF [DE]
- [A] DE 4218550 A1 19940105 - JASPER GMBH & CO JOSEF [DE]
- [A] US 2622961 A 19521223 - DONALD FINLAYSON, et al
- [A] DE 2616922 A1 19771027 - HACOBA TEXTILMASCHINEN

Cited by

DE102009052953A1; CN102926149A; DE102004008319A1; DE102004008319B4; DE102007010866A1; EP1900864A2

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