

Title (en)

Mixing structure for staple material, especially cotton staples.

Title (de)

Mischvorrichtung für Stapelmaterial, insbesondere für Baumwollstapel.

Title (fr)

Appareil de mélange pour matériau fibreux, notamment pour les fibres de coton.

Publication

**EP 0485014 A1 19920513 (EN)**

Application

**EP 91202811 A 19911030**

Priority

IT 2197890 A 19901106

Abstract (en)

In a mixer (1) having adjacent vertical bins (2), provided with a duct (4) for supplying the material in a current of air, the feed direction of the material slopes upwards and the bins (2) are of a height gradually increasing in the feed direction of the material. The angle of inclination is preferably between 10<o> and 70<o>. The material is delivered to the mixer by a fan (11) and arrives in the various bins (2) with substantially the same degree of compaction. <IMAGE>

IPC 1-7

**D01G 13/00**; **D01G 23/02**; **D01G 23/08**

IPC 8 full level

**D01G 13/00** (2006.01); **D01G 23/02** (2006.01); **D01G 23/08** (2006.01)

CPC (source: EP)

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Citation (search report)

- [X] FR 80675 E 19630531
- [A] DE 2939968 A1 19810409 - TEMAFA TEXTILMASCHF MEISSNER [DE]
- [A] GB 1295455 A 19721108
- [A] FR 2518586 A1 19830624 - TRUETZSCHLER & CO [DE]

Cited by

EP0709500A1; CN107177906A; DE19846299A1; DE19846299B4; WO2017083911A1

Designated contracting state (EPC)

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**EP 0485014 A1 19920513**; **EP 0485014 B1 19970903**; DE 69127528 D1 19971009; DE 69127528 T2 19980402; IT 1243895 B 19940628; IT 9021978 A0 19901106; IT 9021978 A1 19920506

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