

Title (en)

Process and device for improving the degree of homogenisation of staple material, especially cotton staples, in a mixer or the like.

Title (de)

Verfahren und Vorrichtung zum Verbessern des Homogenisierungsgrades von Stapelfasern, insbesondere Baumwollfasern, in einem Mischer oder ähnlichem.

Title (fr)

Procédé et dispositif pour améliorer le degré de homogénéisation de matériau fibreux, spécialement des fibres de coton, dans un mélangeur ou analogue.

Publication

**EP 0485013 A1 19920513 (EN)**

Application

**EP 91202810 A 19911030**

Priority

IT 2197090 A 19901105

Abstract (en)

The staple material supplied to a mixer (1) in a current of air is subjected to a cleaning operation with the aid of offset before it reaches the mixer (1). The external surface of the supply duct (4) has a grate (14) at the deflection zone (12), the staple material hitting said grate so that the staples are opened and impurities are released, these impurities then being separated by centrifugal action, wherein the radially outermost fraction of the current of air, in which the impurities are located, is deflected towards the exterior of the supply duct (4) by a separating element (18). <IMAGE>

IPC 1-7

**D01G 9/08**

IPC 8 full level

**D01G 9/08** (2006.01); **D01G 13/00** (2006.01)

CPC (source: EP)

**D01G 9/08** (2013.01); **D01G 13/00** (2013.01)

Citation (search report)

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- [X] TEXTIL PRAXIS INTERNATIONAL. vol. 45, no. 2, February 1990, LEINFELDEN DE pages 107 - 115; F. LEIFELD: 'Moderne, optimierte Vorbereitungsanlagen für die Ringspinnerei'

Cited by

EP0877105A1; CN102691138A; CN114086279A

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