

## Title (en)

Mixing device for preparing an injection product destined for making an anatomic stuffing in a shoe.

## Title (de)

Mischvorrichtung für die Herstellung eines Injektionproduktes für die Realisation einer anatomischen Polsterung in einem Schuh.

## Title (fr)

Dispositif mélangeur pour la préparation des produits d'injection destinés à la réalisation d'un rembourrage anatomique dans une chaussure.

## Publication

**EP 0403402 A1 19901219 (FR)**

## Application

**EP 90420250 A 19900523**

## Priority

FR 8908226 A 19890614

## Abstract (en)

The device comprises a cylindrical flask (1) closed at the bottom (11) and provided with a leakproof removable lid (2). The lid (2) is pierced in its centre to provide a leakproof passage for the shaft (31) of a beater (3), the head of the shaft (31) emerging to allow it to be driven in rotation. The lid (2) also has at least one connector (4) for attaching a connecting pipe between the flask (1) and a shoe to be treated. The shaft (31) of the beater (3) carries radial fins inclined to force the mixture towards the bottom (11), the latter rising along the wall of the flask (1). This wall advantageously has lengthwise projections (12) to increase the turbulence motions. The device permits a homogeneous mixing of the reactants to endow the stuffing with mechanical qualities which are uniform from one point to another. <IMAGE>

## IPC 1-7

**B01F 7/16; B01F 15/00**

## IPC 8 full level

**A43B 5/04** (2006.01); **B01F 7/16** (2006.01); **B01F 15/00** (2006.01); **B29C 45/00** (2006.01); **B29K 105/04** (2006.01)

## CPC (source: EP)

**B01F 27/88** (2022.01); **B01F 35/50** (2022.01)

## Citation (search report)

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## Designated contracting state (EPC)

AT CH DE FR IT LI

## DOCDB simple family (publication)

**EP 0403402 A1 19901219; EP 0403402 B1 19940112**; AT E99990 T1 19940115; DE 69005914 D1 19940224; FR 2648390 A1 19901221; FR 2648390 B1 19911213; JP H0349913 A 19910304

## DOCDB simple family (application)

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