

Title (en)

Cutting line formative device for lump type fruit and plant

Title (de)

Schnittlinien-formende Vorrichtung für Knollenfrüchte und -Pflanzen

Title (fr)

Dispositif formateur de ligne de découpe pour fruit et plante de type motte

Publication

**EP 2199041 A1 20100623 (EN)**

Application

**EP 09171155 A 20090924**

Priority

- KR 20080125277 A 20081210
- KR 20090053216 A 20090616

Abstract (en)

The present invention is an improved version of Korea Patent No. 867198 "Cutting line formative device for lump type fruit and plant" and includes a main body that is formed to have the inside penetrated through, an elastic member that is installed inside said main body, a cutting blade container that is installed on the top of said elastic member, and an operating cover that is coupled to the upper end of said main body and rotates the subject, wherein a stopper ring is installed inside the upper end of said main body. Therefore, after assembling the cutting blade container into the main body, the separate stopper ring is fixed by means of screws to the inside of the upper end of main body of the formative device and, by the existence of this stopper ring, the upper end of the cutting blade container is prevented from protruding out of the main body of the formative device. The present invention thereby makes the handling of the cutting line formative device for lump type fruit and plant much easier, improving its usability and also can prevent the safety-related accidents from happening while handling.

IPC 8 full level

**B26D 3/11** (2006.01); **B26D 3/26** (2006.01)

CPC (source: EP)

**B26D 3/11** (2013.01); **B26D 3/26** (2013.01); **B26D 1/29** (2013.01)

Citation (applicant)

KR 100867198 B1 20081106 - CHOI SUNG WOOK [KR], et al

Citation (search report)

- [IA] WO 2004113033 A1 20041229 - VAN HEERDEN HERMANUS WILLEM [ZA]
- [XPA] US 2008307980 A1 20081218 - LEE BONG-GU [KR], et al

Cited by

EP2996845A4; WO2015107432A1; US10518430B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2199041 A1 20100623**; WO 2010067938 A1 20100617

DOCDB simple family (application)

**EP 09171155 A 20090924**; KR 2009003752 W 20090709