

Title (en)

A KNIFE, A FILLING MACHINE AND A METHOD FOR FILLING AND SEALING A PACKAGE

Title (de)

MESSER, FÜLLMASCHINE UND VERFAHREN ZUM FÜLLEN UND VERSCHLIESSEN EINER VERPACKUNG

Title (fr)

COUTEAU, MACHINE DE REMPLISSAGE ET PROCÉDÉ DE REMPLISSAGE ET DE SCELLAGE D'UN EMBALLAGE

Publication

**EP 4205925 A1 20230705 (EN)**

Application

**EP 22213363 A 20221214**

Priority

EP 21218318 A 20211230

Abstract (en)

A knife (200) for cutting through a body of packaging material at a transversal sealing area of the body. The knife (200) comprises a serrated edge (210) having a number of cutting teeth (211, 214) for cutting through the packaging material such that a first cut surface (112) and a second cut surface (218) of the packaging material (101) are formed. A first and a second blade surface (204, 206) extend from a respective side of the serrated edge (210) and the serrated cutting edge (210) comprises a notch-cutting tooth (212) arranged to cut out a notch (108) in the first cut surface (112).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XAY] US 5934048 A 19990810 - BOURESSA DONALD L [US]
- [YA] WO 2015028198 A1 20150305 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [A] WO 2015086209 A1 20150618 - TETRA LAVAL HOLDINGS & FINANCE [CH]

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**EP 4205925 A1 20230705**; CN 118475444 A 20240809; WO 2023126175 A1 20230706

DOCDB simple family (application)

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