

Title (en)

THE CUTTING APPARATUS OF SEALED BEVERAGE VESSEL

Title (de)

SCHNEIDVORRICHTUNG FÜR VERSCHLOSSENEN GETRÄNKEBEHÄLTER

Title (fr)

DISPOSITIF DE COUPE DE RECIPIENT DE BOISSON SCELLE

Publication

**EP 1458623 A4 20050105 (EN)**

Application

**EP 02793472 A 20021127**

Priority

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- KR 20010074126 A 20011127
- KR 20020009459 A 20020222
- KR 20020063627 A 20021017

Abstract (en)

[origin: WO03045811A1] Disclosed herein is a valve device for a beverage vessel which includes a hollow body coupled to an opening of the beverage vessel and opened at upper and lower ends thereof; a sealing member attached to the opening of the beverage vessel for sealing the beverage vessel; a vertical moving member fitted in the body and adapted to be vertically movable and rotatable; a cutting device installed at a lower portion of the vertical moving member and adapted to cut the sealing member in accordance with the rotation of the vertical moving member; and a lid rotatably fitted around the body while being coupled to the vertical moving member to rotate it. When the lid rotates, the vertical moving member moves downwardly while rotating to cut the sealing member by the cutting device installed thereto, thereby allowing the sealed vessel opening to be easily opened.

IPC 1-7

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Citation (search report)

- [XY] EP 1088765 A1 20010404 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [E] EP 1262412 A1 20021204 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [Y] US 5960992 A 19991005 - BERNSTEIN LINDA A [US], et al
- [A] US 5147070 A 19920915 - IWAMOTO HIDECHIKA [JP]
- See references of WO 03045811A1

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US10676261B2; US11718457B2; FR3096670A1

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