

Title (en)

MACHINE FOR CRUSHING CANS, TINS AND SIMILAR CONTAINERS, WITH SEPARATE COLLECTION OF ALUMINUM ONES FROM WHITE-LATTEN ONES

Publication

**EP 0397158 A3 19910814 (EN)**

Application

**EP 90108791 A 19900510**

Priority

- IT 2045289 A 19890511
- IT 2253489 A 19891129

Abstract (en)

[origin: EP0397158A2] Can-crushing machine for collecting aluminum cans separately from white-latten ones, constituted by a box-like containment and supporting body (1,101) at the top of which a rotor (6) with a horizontal axis is rotatably mounted; the rotor is externally provided with means (7a, 7b, 7c, 7d) for the engaging of a can; a vertical contrast plate (11) is arranged tangent to the rotor so as to allow each can, fed by gravity by loading means (15), to be engaged and then crushed between the rotor (6) and the plate (11) until it is flattened and allowed to fall vertically in a tangent direction toward rotating means (19) provided with magnetized cores adapted to retain only white-latten flattened cans, allowing aluminum ones to fall freely into a underlying container (24), the white-latten cans being then dragged until they are against a fixed stop (21) element capable of making them fall into an other container (23).

IPC 1-7

**B30B 9/32**

IPC 8 full level

**B03C 1/12** (2006.01); **B30B 3/02** (2006.01); **B30B 9/32** (2006.01)

CPC (source: EP)

**B03C 1/12** (2013.01); **B30B 3/02** (2013.01); **B30B 9/325** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 305 (M-733)August 19, 1988 & JP-A-63 081 000 (KENZO SUZUKI ) April 11, 1988

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