

Title (en)

AN ELONGATE ARTICLE PROCESSING APPARATUS WITH AN IMPROVED DISCHARGE DEVICE

Publication

**EP 0288213 A3 19890920 (EN)**

Application

**EP 88303378 A 19880414**

Priority

- JP 10041187 A 19870422
- JP 10041287 A 19870422

Abstract (en)

[origin: EP0288213A2] A discharge device incorporated in an elongate article (2) processing apparatus includes a discharge unit (11) disposed immediately downstream of a cutter (15) of the apparatus and a conveyor unit (16) extending downstream of the discharge unit (11). The discharge unit (11) includes a drive roller (32) and a vertically movable pinch roller (33), the pinch roller (33) being held in its upper standby position remote from the drive roller (32) while the cutter (15) is in operation. The conveyor unit (16) includes a presser roller (45) vertically movable, in independent of the movement of the pinch roller (33), into and out of engagement with a belt conveyor (42) of the discharge unit (16).

IPC 1-7

**A41H 37/06**; **A41H 43/02**

IPC 8 full level

**A41H 37/06** (2006.01); **A41H 43/02** (2006.01); **A44B 19/42** (2006.01)

CPC (source: EP)

**A41H 37/06** (2013.01); **A41H 43/02** (2013.01); **A44B 19/42** (2013.01)

Citation (search report)

- [A] DE 3040286 A1 19820429 - HEILMANN OPTILON [CH]
- [A] FR 2457647 A1 19801226 - SCOVILL INC [US]

Cited by

US5631542A; EP0586839A3; DE19881099B3

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**EP 0288213 A2 19881026**; **EP 0288213 A3 19890920**; **EP 0288213 B1 19920617**; DE 3872038 D1 19920723; DE 3872038 T2 19930114; DE 3872050 D1 19920723; DE 3872050 T2 19921217; EP 0292110 A2 19881123; EP 0292110 A3 19891004; EP 0292110 B1 19920617; ES 2032013 T3 19930101; ES 2032014 T3 19930101; HK 190395 A 19951229; HK 190795 A 19951229

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