

Title (en)
APPARATUS AND METHOD FOR PROCESSING GREEN FIBROUS PLANT STALKS

Title (de)
VORRICHTUNG UND VERFAHREN FÜR VERARBEITUNG VON GRÜNEN FASERPFLANZENSTENGELN

Title (fr)
APPAREIL ET PROCEDE DE TRAITEMENT DE TIGES DE PLANTES FIBREUSES VERTES

Publication
EP 1155172 A4 20030507 (EN)

Application
EP 99953432 A 19991006

Priority

- AU 9900858 W 19991006
- AU PP637798 A 19981006
- AU PP638498 A 19981006
- AU PQ290599 A 19990916

Abstract (en)
[origin: WO0020667A1] A method and apparatus for processing a green plant stalk (90) having a fibrous outer part and an inner hurd. Stalk (90) is split longitudinally with knife-splitter (54) to expose the hurd. Split stalk portion (92) then passes through the nip of externally-fluted conditioner roller (56) and smooth-surfaced anvil roller (58) to divide the exposed hurd into segments, and the fibre is separated from the hurd with decorticator (80).

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D01B 1/14 (2013.01); **D01B 1/22** (2013.01)

Citation (search report)

- [X] WO 9745573 A1 19971204 - AUSTRALIAN HEMP COMPANY LIMITE [AU], et al
- [X] GB 342672 A 19310126 - DOUGLAS WILLIAM DRON, et al
- [X] GB 302932 A 19300220 - GEORGE KNOWLES
- See references of WO 0020667A1

Cited by
RU2643638C2; DE102013013657A1; WO2015022078A1; US10051802B2; US11873579B1

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