

Title (en)

Apparatus for processing flax straw, and also flax straw opener and drum therefor.

Title (de)

Vorrichtung zur Flachsstengelverarbeitung, Flachsstengelöffner und Trommel dafür.

Title (fr)

Appareil pour le traitement de tiges de lin, leur ouverture et tambour à cet effet.

Publication

EP 0398421 A1 19901122 (EN)

Application

EP 90201168 A 19900508

Priority

NL 8901226 A 19890517

Abstract (en)

An apparatus for processing flax straw in which the high-quality bast fibre is separated from wood parts and bast parts is provided with one or more beating drums for processing the flax straw. In order to be able to meet the requirements which are imposed in processing tangled flax straw such as originates from combines, to increase the capacity, to take account of variations in the composition of the flax straw and to decrease the investments, the apparatus comprises a flax straw opener coupled in upstream of the beating drums, which flax straw opener comprising a toothed ripping roller with a number of teeth rings and one or more counterknife beams interacting therewith and provided with knives which project between the teeth rings in a manner such that each teeth ring interacts with a pair of knives. The processed flax straw material is fed to a drum comprising a fixed, rotationally symmetrical shell provided with grate openings and also a rotatable interior mechanism situated therein and having scutching knives.

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Citation (search report)

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