

Flax fibre extractor

Background:

Extraction of fibre from Indian flax plant is gaining attention day by day. The outer bark covering the stalks of the plant contains the valuable fibre. It can be separated by retting the green plant followed by drying and scutching in a mechanical extractor. Design and development of an efficient mechanical extractor is the need of the hour:

Technology Details:

The present innovation (extractor) is having numbers of pairs of scutching rollers. The arrangement helps in breaking the dried stalk at multiple points for easy separation of fibers from the stalk. In operation, the manually fed dried stalk at one end/feed end passed through these set of paired rollers and fibre is collected by the same person at the opposite/delivery end.