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(54) Title: APPARATUS AND METHOD FOR CRUSHING SUGAR CANE

(57) Abstract

An apparatus for crushing sugar cane to extract the juice has opposed crushing rolls at least one of which is formed with juice channels which are temporarily plugged by bagasse after the juice has entered into the channel. Further rotation of the rolls removes the trapped juice away from the cane blanket and the bagasse plug is then scraped out of the top of the channel to allow the juice to drain. The juice is drained away from the cane blanket and is not reabsorbed thereby. Efficiency of juice removal is improved. Further efficiency improvements are obtained by having pairs of crushing rolls positioned above each other such that the cane blanket moves in a generally vertical direction.

