

a 2003 0178

The invention relates to devices for shredding of wood-pulp biomass.

The shredder contains a hopper with a conic auger conveyer vertically installed and joined with the drive shaft. In the lower part of the hopper there are mounted guides for biomass, knives and counter knives. Under the hopper there is installed an impeller with knives, fixed onto the drive shaft. The impeller is confined into an enclosure, the walls of which are made in the form of sieve for removal of inclusions from the biomass.

Claims: 1

Fig.: 1