

Title (en)
DISPERSER

Title (de)
DISPERGER

Title (fr)
DISPOSITIF DE DISPERSION

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Application
EP 12708125 A 20120307

Priority
• DE 102011005273 A 20110309
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Abstract (en)
[origin: WO2012120019A1] The invention relates to an apparatus for the mechanical treatment of high-consistency fibre stock (1), having a housing (2) arranged within which there is a first treatment tool (3) and a second treatment tool (4), the treatment tools (3, 4) each having a rotationally symmetrical form, being arranged coaxially with one another, having teeth (6) arranged in each case in two or more annular rows (5) concentric with their centre, there being located between said teeth (6) tooth gaps (7) which are radially flow-traversed by the fibre stock (1), and there being present, between the rows (5) of teeth, annular interstices (8), which are arranged such that at least one row (5) of teeth of a treatment tool (3, 4) extends into an annular interstice (8) of the other, complementary treatment tool (4, 3). In this apparatus, the efficiency of the treatment is to be improved, with minimum requirement for energy, by at least some of the tooth gaps (7) having elevations (9) which extend out beyond the tooth base (11).

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