Title (en)
ROTARY PRESS FOR DEWATERING OF A HUMID MASS, SUCH AS A SLUDGE OR PULP

Title (de)
ROTATIONSPRESSE ZUR ENTWÄSSERUNG EINER FEUCHTEN MASSE, WIE SCHLAMM ODER ZELLSTOFF

Title (fr)
PRESSE ROTATIVE POUR LA DÉSHYDRATATION D'UNE MASSE HUMIDE, TELLE QUE DE LA BOUE OU DE LA PÂTE

Publication
EP 3717692 A1 20201007 (EN)

Application
EP 17818644 A 20171128

Priority
NL 2017050791 W 20171128

Abstract (en)
[origin: WO2019108055A1] Rotary press for sludge or pulp, comprising a rotor and mesh screen at least partially surrounding the rotor, wherein a distance of the mesh screen to the rotor decreases along a direction of rotation of the rotor, and wherein the rotor comprises a hub to which a plurality of blades is attached at their respective proximate edges, each blade having a distal edge for contacting the mesh screen, wherein during rotation of the rotor the mesh screen remains stationary with respect to the press, wherein each blade comprises a flexible portion extending between the a hub and the distal edge, wherein the flexible portion is adapted for, upon contact of the distal edge with the mesh screen during rotation of the rotor and when seen in projection onto a plane normal to the central axis, bending relative to the proximal edge of the blade over an included bend angle of at least 90 degrees.

IPC 8 full level
D21C 9/02 (2006.01); **D21C 9/06** (2006.01)

CPC (source: EP)
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