

Title (en)

AN APPARATUS FOR DISCHARGING PULP FROM A VESSEL, METHOD OF DISCHARGING PULP FROM A VESSEL AND METHOD OF UPGRADING A PULP VESSEL

Title (de)

VORRICHTUNG ZUM AUSTRAGEN VON ZELLSTOFF AUS EINEM GEFÄSS, VERFAHREN ZUM AUSTRAGEN VON ZELLSTOFF AUS EINEM GEFÄSS UND VERFAHREN ZUM AUFRÜSTEN EINES ZELLSTOFFGEFÄSSES

Title (fr)

APPAREIL DESTINÉ À ÉVACUER DE LA PÂTE À PARTIR D'UN RÉCIPIENT, PROCÉDÉ D'ÉVACUATION DE PÂTE À PARTIR D'UN RÉCIPIENT ET PROCÉDÉ DE MISE À NIVEAU D'UN RÉCIPIENT À PÂTE

Publication

EP 2193233 B1 20160217 (EN)

Application

EP 08803380 A 20080829

Priority

- EP 2008061382 W 20080829
- EP 07116587 A 20070917
- EP 08803380 A 20080829

Abstract (en)

[origin: WO2009037091A1] Invention relates to an apparatus for discharging pulp from a vessel (10) comprising a first section (14) for pulp at a second consistency and a second section (12) for pulp at a first consistency, in which vessel the pulp is arranged to flow from the second section (12) to the first section (14), the first section is provided with means for diluting (22, 24) the consistency of the pulp in the first section to have a second consistency lower than the first consistency, the apparatus further comprising means for discharging pulp having a first discharge conduit (26) arranged to discharge pulp from the first section (14) of the vessel and being provided with a first outlet (32), and a second discharge conduit (34) arranged to discharge pulp from the second section (12) of the vessel (10) and being provided with a second outlet (40). The first outlet (32) is in flow connection with the second discharge conduit (34) up-stream the second outlet (40), so that pulp flowing at the second outlet has a third consistency between the first and the second consistency. The invention also relates to method of discharging pulp from a vessel and to method of upgrading an existing pulp vessel.

IPC 8 full level

D21C 7/08 (2006.01)

CPC (source: EP)

D21C 7/08 (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2009037091 A1 20090326; CL 2008002735 A1 20090814; CN 101809227 A 20100818; CN 101809227 B 20120620; EP 2193233 A1 20100609; EP 2193233 B1 20160217

DOCDB simple family (application)

EP 2008061382 W 20080829; CL 2008002735 A 20080912; CN 200880107355 A 20080829; EP 08803380 A 20080829