

Title (en)
YANKEE CYLINDER

Title (de)
YANKEE-ZYLINDER

Title (fr)
CYLINDRE YANKEE

Publication
EP 3241945 B1 20181024 (EN)

Application
EP 17167463 A 20170421

Priority
IT UA20163075 A 20160502

Abstract (en)
[origin: EP3241945A1] Yankee cylinder comprising a shell (10) formed by a cylindrical surface and two ends (11) joined on opposite parts to the shell (10), wherein each of said ends (11) has a central part (11C) and a peripheral (11P) more distant from a central axis (x-x) of the Yankee cylinder (1) with respect to the central part (11C), and wherein said central part (11C) has an opening (11A) in correspondence of a respective support journal (3) of the Yankee cylinder (1). The central part (11C) is formed by a metal surface having a first thickness (SPC), the peripheral part (11P) is formed by a plurality of metal surfaces having a second thickness (SPP), said first thickness is greater than said second thickness (SPC>SPP), the said central part (11C) has a reduction in thickness on its outer part adjacent to the peripheral part (11P) locally forming a zone thickness equal to the thickness of the peripheral part. The metal surfaces forming the peripheral part (11P) are joined together by first welding beads (4) having a depth equal to said second thickness (SPP) and are joined to the metal surface that forms the central part (11C) by a second weld bead (5) having a depth equal to said second thickness (SPP).

IPC 8 full level
D21F 5/02 (2006.01)

CPC (source: CN EP)
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Cited by
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