

Title (en)
Scraped surface heat exchanger

Title (de)
Schabewärmeaustauscher

Title (fr)
Echangeur de chaleur à surface raclée

Publication
EP 0727634 B1 19980729 (DE)

Application
EP 95102078 A 19950215

Priority
EP 95102078 A 19950215

Abstract (en)
[origin: EP0727634A1] The heat exchanger is for a longitudinal scraper knife (2) and is used to continuously heat and cool high viscous matter esp. shortenings of a product cylinder. The scraper is arranged on a rotary driven shaft (1). A gap (4) having a ring formed cross-section is formed between the shaft and the cylinder for accommodating the handled matter. The longitudinal scraper knife is fastened to the shaft via rear fastening stems (14) such that the scraping edge lies in the rotary direction. The scraper knife has chambered tenons (11) provided behind the scraping edge and between the fastening stems.

IPC 1-7
F28F 19/00

IPC 8 full level
F28F 5/02 (2006.01); **F28D 11/02** (2006.01); **F28F 13/02** (2006.01); **F28F 19/00** (2006.01)

CPC (source: EP US)
F28F 19/008 (2013.01 - EP US)

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BE CH DE DK FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0727634 A1 19960821; EP 0727634 B1 19980729; DE 59502984 D1 19980903; DK 0727634 T3 19981116; JP 3710190 B2 20051026; JP H08233483 A 19960913; US 5810073 A 19980922

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