

Title (en)
SCRAPED SURFACE HEAT EXCHANGER

Title (de)
SCHABEWÄRMETAUSCHER

Title (fr)
ECHANGEUR DE CHALEUR A SURFACE RACLEE

Publication
EP 1565694 A1 20050824 (DE)

Application
EP 03767453 A 20031125

Priority
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• DE 10256069 A 20021129

Abstract (en)
[origin: DE10336203A1] A scraper heat exchanger for the continuous heating or cooling of viscous masses comprises a shaft-driven rotating product cylinder (3) surrounded by a heat transfer medium (7) with a ring gap for the processed material between the cylinder and transfer medium in which Peltier elements (5) are arranged.

IPC 1-7
F25B 21/04; **F25C 1/14**; **F28F 19/00**

IPC 8 full level
A01J 15/12 (2006.01); **A23G 9/14** (2006.01); **A23G 9/22** (2006.01); **A23G 9/30** (2006.01); **A23L 3/18** (2006.01); **A23L 3/36** (2006.01); **F25B 21/04** (2006.01); **F25C 1/14** (2006.01); **F28F 19/00** (2006.01)

CPC (source: EP US)
A01J 15/12 (2013.01 - EP US); **A23G 9/14** (2013.01 - EP US); **A23G 9/222** (2013.01 - EP US); **A23G 9/305** (2013.01 - EP US); **A23L 3/18** (2013.01 - EP US); **A23L 3/36** (2013.01 - EP US); **A23L 3/361** (2013.01 - EP US); **F25B 21/04** (2013.01 - EP US); **F25C 1/145** (2013.01 - EP US); **F28F 19/008** (2013.01 - EP US); **F25B 2321/0252** (2013.01 - EP US); **Y02A 40/963** (2017.12 - EP US)

Citation (search report)
See references of WO 2004051159A1

Designated contracting state (EPC)
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DOCDB simple family (application)
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