

Title (en)  
CLEANING DEVICE FOR A REGENERATIVE HEAT EXCHANGER

Publication  
**EP 0166190 A3 19861203 (DE)**

Application  
**EP 85106182 A 19850521**

Priority  
DE 3423619 A 19840627

Abstract (en)  
[origin: ES8609693A1] A device for cleaning the heat-exchanging surface of a storage medium of a regenerative heat exchanger which has a rotatably driven hood. The device utilizes rinsing or cleaning fluid which is discharged from at least one spray nozzle essentially parallel to the planes of the heat-exchanging surfaces. The spray nozzles are movable relative to the storage medium. In order to provide a structurally simple, light-weight cleaning device which can be housed in a space-saving manner, the spray nozzle is disposed at the end of an at least two-part, telescopic nozzle holder which is mounted on the hood of the regenerative heat exchanger and is connected by a supply line with a transfer mechanism disposed in the center of rotation of the hood. The transfer mechanism includes a tubular piece which rotates with the hood, and a stationary housing which is sealed off relative to the tubular piece. The adjustment movement of the movable part of the nozzle holder can be derived from the rotational movement of the hood.

IPC 1-7  
**F28G 1/16**; **F28D 17/00**

IPC 8 full level  
**F28G 3/16** (2006.01); **F28D 17/00** (2006.01); **F28G 1/16** (2006.01); **F28G 9/00** (2006.01); **F28G 15/02** (2006.01)

CPC (source: EP US)  
**F28D 17/00** (2013.01 - EP US); **F28G 1/16** (2013.01 - EP US); **F28G 9/005** (2013.01 - EP US)

Cited by  
DE19617860A1

Designated contracting state (EPC)  
GB IT NL

DOCDB simple family (publication)  
**EP 0166190 A2 19860102**; **EP 0166190 A3 19861203**; **EP 0166190 B1 19880323**; CN 85104615 A 19861210; CN 85104615 B 19880106; DE 3423619 A1 19860102; DE 3423619 C2 19860904; ES 544528 A0 19860716; ES 8609693 A1 19860716; IN 160618 B 19870718; JP H0373799 B2 19911122; JP S6115097 A 19860123; MX 161261 A 19900824; US 4705057 A 19871110

DOCDB simple family (application)  
**EP 85106182 A 19850521**; CN 85104615 A 19850615; DE 3423619 A 19840627; ES 544528 A 19850625; IN 152BO1985 A 19851111; JP 12841585 A 19850614; MX 20578985 A 19850626; US 74929885 A 19850627