

Title (en)

An ash-disposal system with submerged scraper.

Title (de)

Aschebeseitigungssystem mit Tauchkratzförderer.

Title (fr)

Système pour écarter des cendres avec une raclette submergée.

Publication

EP 0031098 A1 19810701 (EN)

Application

EP 80107837 A 19801211

Priority

US 10272279 A 19791213

Abstract (en)

Apparatus for handling ash and slag produced in the combustion of coal or other ash-bearing fuel in the furnace (10) of a steam generator, including an ash hopper (14) beneath the furnace into which the ash initially falls. A pair of scraper conveyors (30, 32) which are submerged in water are located below the ash hopper (14) from which the ash is continuously disposed of. Water nozzles (40) are located in the ash hopper (14) for cooling and moving the ash.

IPC 1-7

F23J 1/02

IPC 8 full level

F23J 1/02 (2006.01)

CPC (source: EP KR)

F23J 1/02 (2013.01 - EP KR)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

EP 0031098 A1 19810701; AU 6534280 A 19810618; CA 1149678 A 19830712; ES 497123 A0 19820116; ES 8202127 A1 19820116; IN 154577 B 19841110; JP S5697724 A 19810806; KR 830004421 A 19830713; KR 850000354 B1 19850322

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EP 80107837 A 19801211; AU 6534280 A 19801212; CA 362949 A 19801022; ES 497123 A 19801125; IN 1233CA1980 A 19801030; JP 17571580 A 19801212; KR 800004733 A 19801212