

Title (en)
METHOD AND APPARATUS FOR TREATMENT OF RADIOACTIVE WASTE

Publication
EP 0030467 A3 19810916 (EN)

Application
EP 80304410 A 19801205

Priority
US 15806979 A 19791207

Abstract (en)
[origin: EP0030467A2] Radioactive wastes from a nuclear reactor plant are dried into powder and compacted into pellets. The resultant pellets are conveyed to a sealed vessel (54) by a belt conveyor system (48, 50, 52). To control the spacing of the pellets on the belt conveyors and thereby control the radioactive dose around the belt conveyors, two vibratory feeders (42, 44) are arranged in series and operated so that the rate of loading of the pellets onto the belt conveyors is always kept lower than a predetermined level. By the use of the vibratory feeders, adhesion of radioactive powder removed from the pellets onto the belt conveyors is also prevented.

IPC 1-7
G21F 9/16

IPC 8 full level
G21F 9/00 (2006.01); **G21F 9/14** (2006.01); **G21F 9/34** (2006.01)

CPC (source: EP)
G21F 9/008 (2013.01); **G21F 9/14** (2013.01); **G21F 9/34** (2013.01)

Citation (search report)
• [A] FR 2424611 A1 19791123 - KERNFORSCHUNGSZ KARLSRUHE [DE]
• [A] FR 2419569 A1 19791005 - KRAFTWERK UNION AG [DE]
• [A] US 3756372 A 19730904 - MERTENS J

Cited by
JP2014109560A; EP0228816A1; WO2014100482A1

Designated contracting state (EPC)
DE FR SE

DOCDB simple family (publication)
EP 0030467 A2 19810617; EP 0030467 A3 19810916; EP 0030467 B1 19850717; DE 3070886 D1 19850822

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