

Title (en)

SAFETY SYSTEMS FOR COAL PULVERIZING MILLS

Publication

EP 0244074 B1 19901024 (EN)

Application

EP 87302255 A 19870317

Priority

US 85770086 A 19860429

Abstract (en)

[origin: EP0244074A2] A safety control system (10) for a coal pulverizing mill (14) utilizes measurements (22, 24) of the net oxygen level and the carbon monoxide equivalent (COe) level of the combustible gases within the pulverizing mill. First levels of the net oxygen and the rate of carbon monoxide equivalent change in the pulverizing mill (14) are utilized in a control logic arrangement (20) to actuate alarms (28, 30). Second levels of the net oxygen and the carbon monoxide equivalent (COe) level in the pulverizing mill (14) are utilized to accomplish inerting of the mill.

IPC 1-7

B02C 23/04

IPC 8 full level

B02C 23/04 (2006.01); **B02C 23/24** (2006.01)

CPC (source: EP KR)

B02C 23/04 (2013.01 - EP KR); **B02C 23/24** (2013.01 - EP)

Cited by

KR100868440B1; DE102011112741B4; KR100460658B1; CN104049563A; CN106964474A; CN104152196A; CN107797965A; CN112536145A; CN115301391A; EP0978318A1; FR2782023A1; US6311904B1; US9494319B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0244074 A2 19871104; EP 0244074 A3 19880810; EP 0244074 B1 19901024; AU 591260 B2 19891130; AU 7106387 A 19871105; BR 8702407 A 19880217; CA 1269150 A 19900515; DE 3765686 D1 19901129; ES 2018824 B3 19910516; HK 42692 A 19920619; IN 166429 B 19900505; JP S62258759 A 19871111; KR 870010430 A 19871130; KR 950001974 B1 19950308; MX 168789 B 19930608; SG 36192 G 19920522

DOCDB simple family (application)

EP 87302255 A 19870317; AU 7106387 A 19870403; BR 8702407 A 19870429; CA 530556 A 19870225; DE 3765686 T 19870317; ES 87302255 T 19870317; HK 42692 A 19920611; IN 823CA1986 A 19861114; JP 10343987 A 19870428; KR 860011219 A 19861224; MX 627287 A 19870429; SG 36192 A 19920331