

Title (en)
FUEL PELLETS.

Title (de)
BRENNSTOFF-KÜGELCHEN.

Title (fr)
BOULETTES COMBUSTIBLES.

Publication
EP 0018372 A1 19801112 (EN)

Application
EP 79900410 A 19791204

Priority
• US 90024078 A 19780426
• US 94339378 A 19780918

Abstract (en)
[origin: WO7900988A1] A fuel pellet comprises from about 90 to about 99% by weight natural cellulosic material and from about 1 to about 10% by weight synthetic polymeric thermoplastic material. The free moisture content of the cellulosic material is from about 5% to about 25% by weight. The thermoplastic material is generally finer than 5 mesh. The synthetic thermoplastic material is distributed throughout the fuel pellet. The thermoplastic material is solid at room temperature and has an injection molding temperature of at least 95°C. Such a fuel pellet can be prepared in a pelletizer (70) where the temperature of the pellet as it emerges from the die is from about 66 to about 122°C.

Abstract (fr)
Une boulette combustible comprend de 90 a 99% environ en poids de materiau cellulosique naturel et de 1 a 10% environ en poids de materiau thermoplastique polymere synthetique. La teneur en eau du materiau cellulosique est d'environ 5 a 25% en poids. Le materiau thermoplastique est generalement inferieur a 5 mesh. La maille du materiau thermoplastique synthetique est distribuee dans toute la boulette combustible. Le materiau thermoplastique est solide a temperature ambiante et a une temperature de moulage par injection d'au moins 95 C. Une telle boulette combustible peut etre preparee dans un appareil a former les boulettes (70) ou la temperature de la boulette lorsqu'elle sort de la matrice est de 66 a 122 C environ.

IPC 1-7
C10L 5/44; C08L 1/00; C08L 97/00

IPC 8 full level
C10L 5/44 (2006.01); **C10L 11/04** (2006.01)

CPC (source: EP)
C10L 5/44 (2013.01); **C10L 11/04** (2013.01); **Y02E 50/10** (2013.01); **Y02E 50/30** (2013.01)

Designated contracting state (EPC)
DE FR GB SE

DOCDB simple family (publication)
WO 7900988 A1 19791129; AR 223339 A1 19810814; EP 0018372 A1 19801112; FI 791339 A 19791027; NO 791383 L 19791029

DOCDB simple family (application)
GB 7900063 W 19790425; AR 27632679 A 19790426; EP 79900410 A 19791204; FI 791339 A 19790425; NO 791383 A 19790425