

Title (en)

HIGH DENSITY POLYETHYLENE FLUFF COMPACTION

Title (de)

VERDICHTUNG VON POLYÄTHYLENFUSSELN HOHER DICHTE

Title (fr)

COMPACTAGE DE RESIDUS PELUCHEUX DE POLYETHYLENE HAUTE DENSITE

Publication

EP 1401624 A2 20040331 (EN)

Application

EP 02764622 A 20020702

Priority

- EP 02764622 A 20020702
- EP 0207358 W 20020702
- EP 01202536 A 20010702

Abstract (en)

[origin: EP1273413A1] This invention discloses a process for agglomerating a fluff comprising one or more polymer(s), optional fines, and optional additives, said fluff having a high load melt index (HLMI) of from 0.1 to 20 g/10 min, by submitting said fluff to a mechanical force under a temperature sufficient to soften and deform the polymer grains.

IPC 1-7

B29B 9/08

IPC 8 full level

B29B 9/08 (2006.01); **C08J 3/12** (2006.01); **C08L 23/06** (2006.01); **B29K 23/00** (2006.01)

CPC (source: EP)

B29B 9/08 (2013.01); **C08J 3/12** (2013.01); **C08J 3/16** (2013.01); **B29K 2023/06** (2013.01); **B29K 2023/0683** (2013.01); **C08J 2323/06** (2013.01)

Citation (search report)

See references of WO 03004238A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1273413 A1 20030108; AU 2002328840 A1 20030121; EP 1401624 A2 20040331; JP 2004533348 A 20041104; WO 03004238 A2 20030116; WO 03004238 A3 20030327

DOCDB simple family (application)

EP 01202536 A 20010702; AU 2002328840 A 20020702; EP 0207358 W 20020702; EP 02764622 A 20020702; JP 2003510231 A 20020702