

Title (en)

PROCESS FOR PREPARING A BITUMINOUS MIXTURE WITH A LOW EMISSION, CONTAINING A LARGE AMOUNT OF RECYCLED GRANULAR MATERIAL

Publication

EP 0216316 A3 19871111 (DE)

Application

EP 86112911 A 19860918

Priority

- DE 3533728 A 19850921
- DE 3540978 A 19851114

Abstract (en)

[origin: EP0216316A2] The invention relates to a process for the intermittent or continuous low-emission preparation of a bituminous mixture 5 by the use of a usually high proportion of granular asphalt 2 from broken-up or cut-off road covering layers which are supplemented by heated additives 1, fillers 3 and bitumen 4 in a mixer 8 to form a recycled composite material 5, a temperature synchronisation of the individual fractions being necessary. The additives 1 are usually heated in a drum dryer fired in counterflow and the broken granulate in a drum dryer fired in co-flow. The dwell time of the additives and the granulates is determined by an appropriate adjustment of the drum inclination. <IMAGE>

IPC 1-7

E01C 19/10; **E01C 19/05**

IPC 8 full level

E01C 19/05 (2006.01); **E01C 19/10** (2006.01)

CPC (source: EP)

E01C 19/1004 (2013.01); **E01C 19/1036** (2013.01); **E01C 2019/109** (2013.01); **E01C 2019/1095** (2013.01)

Citation (search report)

- [X] US 4387996 A 19830614 - MENDENHALL ROBERT L [US]
- [Y] US 4477250 A 19841016 - BRASHEARS DAVID F [US], et al
- [Y] US 4189238 A 19800219 - MENDENHALL ROBERT L [US]
- [Y] DE 3333673 A1 19850404 - TEERBAU GMBH STRASSENBAU [DE]
- [A] US 4300837 A 19811117 - MALBRUNOT PIERRE
- [A] US 4332478 A 19820601 - BINZ LEE V
- [A] DE 1300069 B 19690724 - WIBAU GMBH
- [XP] EP 0183079 A1 19860604 - DEUTSCHE ASPHALT GMBH [DE]

Cited by

EP1022391A1; FR2987631A1; EP0437990A1; FR2657097A1; US5178456A; WO2008019648A1; WO2011047705A1; EP3243957B1; EP3243957B2

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0216316 A2 19870401; **EP 0216316 A3 19871111**; **EP 0216316 B1 19920311**; AT E73511 T1 19920315; DE 3540978 A1 19870326; DE 3684210 D1 19920416

DOCDB simple family (application)

EP 86112911 A 19860918; AT 86112911 T 19860918; DE 3540978 A 19851114; DE 3684210 T 19860918