

Title (en)
Recycling of road sand

Title (de)
Recycling von Sand

Title (fr)
Recyclage de sable

Publication
EP 2400058 A1 20111228 (EN)

Application
EP 10167116 A 20100624

Priority
EP 10167116 A 20100624

Abstract (en)
The present invention relates to a method for recycling road sand including the steps of, collecting the road sand 1, a first mechanical sorting 2a of the road sand, for separating organic materials and stones from the road sand, washing 3 the road sand, for further separating organic materials from the road sand, and finally, reusing 4 the remaining road sand by mixing the remaining road sand into an asphalt or a concrete mix. Further, the present invention relates to use of road sand recycled according to the method for recycling road sand in an asphalt or concrete mix, and finally an asphalt or concrete mix comprising road sand recycled according to the method for recycling road sand.

IPC 8 full level
E01C 19/00 (2006.01); **B03B 9/06** (2006.01); **E01H 12/00** (2006.01)

CPC (source: EP)
B03B 9/00 (2013.01); **E01C 19/00** (2013.01); **E01H 12/00** (2013.01)

Citation (applicant)
• JP 2000263026 A 20000926 - NIPPON KOSAN KK, et al
• US 7448825 B2 20081111 - KASAHARA ATSUSHI [JP], et al

Citation (search report)
• [X] GB 277216 A 19270915 - TRINIDAD
• [X] KR 20040084130 A 20041006 - HONG CHONG HYUN, et al
• [IY] DE 19617501 A1 19971106 - AKW APPARATE VERFAHREN [DE]
• [Y] DE 3248493 A1 19840712 - LINDEMANN MASCHFAB GMBH [DE]
• [A] US 5762780 A 19980609 - RENDALL JOHN S [US], et al
• [A] FR 2408691 A1 19790608 - COSTA ALAIN [FR]
• [A] DE 3824710 A1 19900125 - EDELHOFF POLYTECHNIK [DE]
• [A] NL 8104452 A 19830418 - JOHANNES HENDRIKUS JOSEPHUS VO

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2400058 A1 20111228

DOCDB simple family (application)
EP 10167116 A 20100624