

Title (en)
DRY-TYPE CLEANING MACHINE

Title (de)
TROCKENREINIGUNGSMASCHINE

Title (fr)
MACHINE DE NETTOYAGE À SEC

Publication
EP 3090818 A1 20161109 (EN)

Application
EP 15179893 A 20150805

Priority
TW 104113891 A 20150430

Abstract (en)
A dry-type cleaning machine (1) includes a negative pressure unit (2), a first dust gathering unit (3) having a first dust sucking passage (31, 31A) communicated with the negative pressure unit (2), and a barrel body (4A, 4). The barrel body has a receiving space (43) communicated with the first dust sucking passage (31, 31A), a feeding inlet (44,44A) for a material to be sieved (6), a discharging portion (45), a rotary assembly (46) in the receiving space (43), and a sieve layer (47). The material to be sieved includes crushed aggregates (61) and dirt (62). The sieve layer (47) is between the rotary assembly (46) and the first dust sucking passage (31,31A). The rotary assembly (46) is for stirring the material to be sieved. The feeding inlet (44,44A), the first dust sucking passage (31,31A) and the receiving space (43) form a negative pressure passage (48). The sieve layer (47) allows the dirt to pass through and enter the first dust sucking passage (31, 31A). The crushed aggregates are discharged out of the receiving space (43).

IPC 8 full level
B07B 1/20 (2006.01); **B07B 13/16** (2006.01)

CPC (source: EP)
B07B 1/20 (2013.01); **B07B 13/16** (2013.01)

Citation (applicant)
• TW 237695 B
• TW M409934 U 20110821 - CHANG WOEN MACHINERY CO LTD [TW]
• TW M411293 U 20110911 - KUN SHENG MACHINE COMPANY LTD [TW]

Citation (search report)
• [XYI] GB 228899 A 19260114
• [Y] GB 239171 A 19251119 - CARTER MAYHEW MFG COMPANY
• [Y] US 896230 A 19080818 - MUELLER JOSEPH EDWARD [US]
• [Y] FR 1201847 A 19600106

Cited by
CN1111151435A; CN108214998A; US11794211B2; CN108908790A

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