

Title (en)

Mobile concrete mixing apparatus.

Title (de)

Beweglicher Betonmischungsapparat.

Title (fr)

Appareil mobile pour mélanger du béton.

Publication

EP 0305150 A2 19890301 (EN)

Application

EP 88307809 A 19880824

Priority

GB 8720058 A 19870825

Abstract (en)

The apparatus 1 is mounted on a lorry 3 and comprises a frame 10, and a sand and aggregate hopper 13, a cement hopper 16 and water storage tanks 19 mounted on the frame. A mixing drum 45 is provided for mixing quantities of sand and aggregate and cement supplied from the hoppers 13, 16 with a quantity of water supplied from the tanks 19 to produce the required mix. The sand and aggregate is supplied to an opening 51 of the drum 45 by a belt conveyor 20 positioned below the hopper 13, and the cement is supplied to the opening 51 by a screw conveyor 36 by way of a discharge chute 43. The mix may be held within the drum 45 until required for use and may be discharged from the opening 51 by tipping the drum 45.

IPC 1-7

B28C 9/04

IPC 8 full level

B28C 9/04 (2006.01)

CPC (source: EP)

B28C 9/0454 (2013.01)

Cited by

ES2334412A1; FR2900592A1; CN103370180A; CN117985352A; DE19631312A1; DE19631312C2; WO2008152426A2; US7992704B2

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

EP 0305150 A2 19890301; EP 0305150 A3 19890329; GB 8720058 D0 19870930

DOCDB simple family (application)

EP 88307809 A 19880824; GB 8720058 A 19870825