

Title (en)

MOULDING SAND SUPPLY APPARATUS AND METHOD

Title (de)

FORMSANDZUFUEHRVORRICHTUNG UND -VERFAHREN

Title (fr)

APPAREIL ET PROCEDE DE DISTRIBUTION DE SABLE DE MOULAGE

Publication

**EP 1753562 A1 20070221 (EN)**

Application

**EP 04733888 A 20040519**

Priority

IB 2004050746 W 20040519

Abstract (en)

[origin: WO2005113176A1] In a moulding sand supply apparatus comprising a sand reservoir (2) for delivering sand (3) to a mainly horizontal belt conveyor (4), the belt conveyor (4) is controlled to deliver sand for filling a flask (5) positioned to receive sand falling from the belt conveyor (3). A controller (6) controls the speed of the belt conveyor (4) according to a speed profile providing varying trajectories for the delivered sand, which results in a controlled distribution of the sand (3) in the flask (5) in the transport direction of the belt conveyor (4). In this way, a simple and flexible control of the distribution of the sand (3) in the flask (5) can be obtained.

IPC 8 full level

**B22C 19/04** (2006.01); **B22C 19/00** (2006.01)

CPC (source: EP US)

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