

Title (en)

Device for processing sand moulds containing one or more castings.

Title (de)

Einrichtung zum Behandeln von Sandgussformen mit mehreren Gussstücken.

Title (fr)

Appareil pour traiter des moules en sable contenant plusieurs pièces coulées.

Publication

EP 0066931 A1 19821215 (EN)

Application

EP 82200677 A 19820602

Priority

NL 8102714 A 19810604

Abstract (en)

A device for processing sand moulds containing one or more castings in order to separate the castings from the mould sand, to cool them and to condition the mould sand for re-use, said device mainly comprising a horizontal drum (1) rotatably supported by individually driven wheels (3) of synthetic resin and having an improved inlet (10) and an improved outlet opening (14), sensing means for measuring the condition of the sand and at least two annular heat protected rolling surfaces (2) arranged around the drum for said wheels (3) bearing on a foundation (6), wherein the wheels are offset with respect to the medium longitudinal plane of the drum (1) and wherein each motor (4) or transmission casing (5) is connected with the foundation through a reaction arm (16) whereas the opposite wheels (3) of two rolling surfaces (2) are connected by a coupling rod (23).

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

B22C 5/085 (2013.01); **B22D 31/007** (2013.01)

Citation (search report)

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