

Title (en)  
SNOW REMOVAL DEVICE AND METHOD

Title (de)  
SCHNEERÄUMVORRICHTUNG UND -VERFAHREN

Title (fr)  
DISPOSITIF ET PROCÉDÉ DE DÉNEIGEMENT

Publication  
**EP 3022360 A1 20160525 (FR)**

Application  
**EP 14750571 A 20140716**

Priority  
• FR 1357115 A 20130719  
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Abstract (en)  
[origin: WO2015007991A1] A device for reducing the volume of snow and fluidising same comprising: a first fixed reservoir (1) provided with means (2-6) for fluidising and reducing the volume of the snow, at least one second reservoir forming a storage basin (11), the volume of said storage basin being at least 20 times and preferably 100 times the volume of the first reservoir, and said storage basin being at least partially filled, preferably to at least 30% of the volume of same, with water at ambient temperature, and said fluidising means (2-6) comprising: means for compacting the snow comprising movable dynamic compacting means, and chopping and mixing means (2) capable of causing the snow to be forced downwards, and means (3) for injecting water from the reservoir of the machine or from the storage basin (11) capable of injecting water above and below said chopping and/or mixing means, and ultrasound generating devices, preferably distributed in several places in the first reservoir in a substantially uniform manner, located below said water injection nozzles.

IPC 8 full level  
**E01H 5/10** (2006.01)

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**B02C 23/18** (2013.01 - US); **B30B 9/12** (2013.01 - US); **B30B 9/26** (2013.01 - US); **B30B 15/32** (2013.01 - US); **E01H 5/102** (2013.01 - EP US); **E01H 5/12** (2013.01 - EP US)

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