

Title (en)

Dry compactible, swellable herbicidal compositions and pellets produced therefrom, and use thereof.

Title (de)

In trockenem Zustand tablettierbare quellfähige herbizide Zusammensetzungen; die so erhaltenen Tabletten und deren Verwendungen.

Title (fr)

Composition herbicides comprimables à sec, et gonflantes, comprimés ainsi obtenus et leurs usages.

Publication

**EP 0000260 A1 19790110 (EN)**

Application

**EP 78300059 A 19780620**

Priority

- US 80866477 A 19770621
- US 88734378 A 19780320

Abstract (en)

Dry compactible, swellable herbicidal compositions and pellets produced therefrom and use thereof. The herbicidal composition consists essentially of 5-25% by weight of a herbicide which is bromacil, diuron, bromacil-diuron complex, 3-cyclohexyl-6- (dimethylamino)-1- methyl-s-triazine -2,H(1H, 3H)- dione, karbutilate, tebuthiuron, N-[4, 6-dimethoxy- 1, 3, 5 triazine 2-yl) aminocarbonyl]benzene sulfonamide or a mixture of two or more thereof, 20 to 60% by weight of swelling bentonite, 5 to 15% by weight of anhydrous sodium sulfate, 10 to 25% by weight of urea, 2 to 10% by weight of polyethylene glycol having a weight-average molecular weight of from 200 to 600 and 1 to 12% by weight of water, and optionally a die release agent and/or an inert diluent. The composition can be dry compacted into a herbicidal pellet which is resistant to impact and crushing and which swells and disintegrates when contacted with small amounts of liquid water to release the herbicidal compound. The pellet can provide selective control of undesirable brush in rangeland and woodland areas.

IPC 1-7

**A01N 17/08**; **C07D 251/00**

IPC 8 full level

**A01N 25/12** (2006.01); **A01N 25/34** (2006.01)

CPC (source: EP)

**A01N 25/12** (2013.01); **A01N 25/34** (2013.01)

Citation (search report)

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