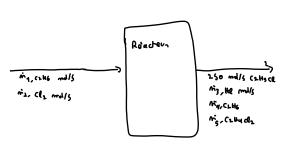
A)



DDL: Encourage min à vis

Equation: 3 Bilons Atomiques CH, CQ, C)

- 6) 1 F = 0,3 = M4 M4
 - (3) Sz 25 = 250 danc nig = 10 mol/5
- 9 my = 41m

- 1 min = 0,7. 866,6x = 606, 669 mol/s
- Bilon gu C: 1 mg = 2.250 + 2 mg + 2.40

 Cl: 2 mg = 2.50 + mg + 2.40

 H: 6 mg = 5.250 + mg + 6 mg + 4.40
- 744- 570 + 1444 4-1 = 8 66,64 mol/s
- 3 2m2 = 250+m3 + 20
- (4) 6.866.67 = 1250 + 123 + 6.606.664 +20 m3 = 240 moly
 - 3 m = 270+ 200 2 = 280 mds

Platio allowardion: m2 = 180 = 9.32 not ce2/micz 46

. Renderes . le néactie l'initeur aux le Cl χ , donc $h=\frac{250}{m_{\chi}}=\frac{250}{180}$ > 0.84 = 89%

Mhr C2440 m2, C244 M3, 01 Sep 42,CZH40 NO CLAY Reacteur 4, (244 Mr, COz 12,H20 44,6244 ۸Ý.02 as cus مدااريه મં_{ર ,} (૧૫_૫ 43,420 m, , 02 m - co2

ع) DDL Acachera: منم ديدس , منم حمد , متي ديدس , منه حي منه ديدس , منع دمي , ميدسه , دم يو

Equations, S Bilons Motion (Czulu, Oz, Czulu, Czulus, Czulus, Coz, Nao)

Spec: Composition elleptine, 3 mass eth/ande 0, mass consours elleptine

0

A)

- c) Spec: Miscauli 3 mag. dec miscaul = 360 mol/h
 - . F= 0,25 \ \frac{360 M2C244 M2C244 = L70 mol/h
 - . On a 360-170- 90 mils de (144 consent donc mighty = 0,9 = 81 mil/h

Bilans on le néaltern outell-out thou-lans

- 170 = 360 281 82
- 0 Ez = 36 mol/s

@ (244; M2C244= 360 - 2 81 - 82

3 81 = 381 @ 81 = 27 mol/s

& Oz: M202 = 120- 84-362

2 M202 = 120 - 27 - 3.36 = 15 millin

(3 (3440: MZC2440= 3 61

(man = 12 mol/h

9 Co2: M2602: 2 62

@ maltro = 72 mol/h

(3) 420, M2410; 2 Ez

Bilar outon du point de mélance: EN=out

(علان بن (علام - المردد الا لا مردد الا = وه سوال

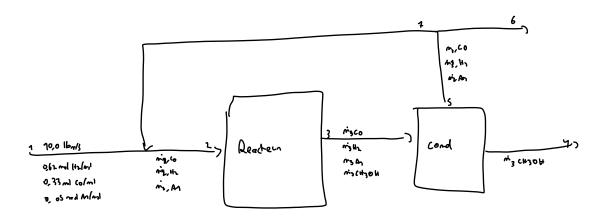
On: 1002= - 100 + 102 = 110 mol/h

Convension ethyldre: Moles neadis = 40=9 = 100%.

Mules altiretes 90

Exces: $a_0 - (17 \times 1) = 677$.

donc mocony = 40x \$ = 5 084.70 mol/h
moon = 110x \$ = 6, 226.10 mol/h



dor. co-> Methonal no = 1/4 ing

Or a Solon la Spécification 0, a. 0, 33. 4532 a3 = in 347, 17 8/5 = 1347 kg/s

B) Masse Molare baz introduit: M = 0,62(2) + 933 (12616) + 005(40) = 12,48 gmol⁻¹

D&b; mi = 4578 43

12.48 = 363,45 mol/s

on a 4m6-mit et que 4m6:tmt:= m3: ou i est la molècule

A: I do Blobal

Hz: Q62. 363, 45 = 125, 30 mol/s = Me-lez

(0: 0, 33. 363,45= 119, 44 md/6 = Mb, Co

An: 0,05 . 363,45= 18, 17 mol/6= m6, An

C) In a altere la composition de mis, donc

m200= 4100 + 4. Mbco

- 119, an + 44 4, 76 2 See, 7 md/s

"242= 225 30 1 403,46 mil/s

1 An = 90,85 mol/5

d) on obtient on pilon en C: Badto your machaoth